

QUALITY MANAGEMENT
for Works/Supply of Products at Rooppur NPP

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1. General provisions

The Subcontractor (Supplier) shall ensure the obligatory availability of quality requirements in contracts with its subcontractors (if they are involved) in the scope agreed by JSC ASE and/or JSC NIKIMT-Atomstroy.

The Subcontractor (Supplier) is obliged to work in "Quality Management" module of the Supplier's Portal in accordance with the "Instruction for work in the "Quality Management" module, including:

- elaboration of a request from the Subcontractor (Supplier) for the issuance of an order to the Specialized Organization to perform works on Equipment conformity assessment;
- elaboration of the Quality Plan and its submission to the JSC ASE and/or JSC NIKIMT-Atomstroy for approval;
- elaboration of the quality assurance program (QAP) and its submission to the JSC ASE and/or JSC NIKIMT-Atomstroy for approval;
- generation of a request to determine the Specialized Organization.

The work in the "Quality Management" module is carried out simultaneously with generation, sending, coordination of such documentation in writing in the order established by the Contract.

BAERA (Bangladesh Atomic Energy Regulatory Authority) shall involve the Specialized Organization for conformity assessment in the course of the product manufacturing. The procedure of interaction of BAERA, the SO, JSC ASE, the Supplier (Subcontractor), the Sub-supplier (if involved), including receipt by the Supplier (Subcontractor) of a Letter of Conclusion, as well as execution by the Supplier (Subcontractor) of a Decision on application of foreign equipment, items, materials, semi-finished products and components, are specified in Supplement No. 11 to this Appendix "The procedure of interaction with JSC "VO "Safety" during assessment of compliance of the equipment for Rooppur NPP in the form of acceptance.

These requirements can be revised and/or supplemented by BAEC and/or JSC ASE and/or JSC NIKIMT-Atomstroy by modification of this Attachment according to the established procedure in the course of performance of the works under the Contract for supply of the Equipment, items and components, as well as of construction and erection works (CEW), and pre-commissioning works (PCW), without adjustment of the Contract price.

2. Terms and Definitions

For the purposes of this Appendix the following terms and definitions are used:

JSC ASE	Joint Stock Company Atomstroyexport is a construction organization engaged for work under General Contract No. 77-258/1414800 dated December 25, 2015 concluded with Bangladesh Atomic Energy Commission for construction of Rooppur Nuclear Power Plant.
JSC NIKIMT-Atomstroy	Research and Development Institute of Construction Technology - Atomstroy, Joint-Stock Company is a construction organization engaged to perform certain work under the contractor agreement for construction of Rooppur Nuclear Power Plant concluded with JSC ASE.
Quality Assurance audit	A systematic, independent and documented process of obtaining audit evidences and their objective assessment to establish the extent of compliance with the agreed audit criteria.
Auditor	The person of competency to carry out audits
Top Management	Person or group of persons that implement guidance and management of the organization at the top level

Records	Documented information, which presents an objective evidence of completed activities and achieved result as well as confirming compliance with requirements.
Product	Industrial production unit, which quantity can be calculated in pieces and copies
BAEC	Bangladesh Atomic Energy Commission (BAEC)
Inspector	The specialist, who checks compliance of the equipment or processes with the established requirements.
Inspection	Activities, during which, using the audit, observation or measurement, the compliance of materials, parts, joints, systems, structures, as well as processes and methods with the definite requirements is determined.
Non-conformance	Failure to comply with the requirement
Reworking	The process that helps to adjust the unit, which does not comply with the previously established requirements, with these requirements by updating, repeated mechanical processing, repeated assembly and by other correction methods.
QAP	Quality assurance program.
Supplier (Subcontractor)	Organization supplying and/or manufacturing Products as well as performing works and rendering Rooppur NPP construction services under the Contract with JSC NIKIMT-Atomstroy. It is possible to use the definitions the “Second Level Subcontractor” or the “Sub-supplier”.
Products	Products/equipment of safety classes 1, 2, 3, and 4 (quality assurance categories: QA1, QA2, QA3, QNC)
Project	Project for Rooppur NPP construction
Procedure	Documentary established method to perform activities or process.
Management procedure	Procedures, which describe administrative instructions to the managerial personnel and do not contain detailed information on technical tasks.
Working procedure	Description of specific working processes and transfer of administrative and technical information to the personnel, who performs the works.
Review	Study of documents for information and comments.
Repair	The process that helps to adjust the joint not complying with the established requirements in such a state, when it functions reliably and safely, even if this joint does not comply with the initial specification.
Agreement	Written approval and/or confirmation.
Sub-supplier	Organization engaged by the Supplier on a contract basis to perform a part of the Supplier’s obligations envisaged by the Contract.
BAERA	Bangladesh Atomic Energy Regulatory Authority BAERA and/or an organization authorized by it for compliance assessment (JSC “VO “Safety”)

Specialized tion (SO)	Organiza-	The legal entity representing JSC ASE/BAEC, which has been granted the right to carry out inspections for the product compliance assessment for Rooppur NPP.
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3. Requirements to the Quality Assurance Program

3.1 General requirements for the Quality Assurance Program

- 3.1.1 The Supplier (Subcontractor) shall carry out its activities under the Contract in compliance with the Special Quality Assurance Program (Quality Manual – for the Products with QNC quality assurance category).
- 3.1.2 The Special Quality Assurance Program of the Supplier (Subcontractor) shall cover its works under the Contract and comply with the requirements of this Appendix, NP-090, with consideration of the IAEA recommendations, regulations and safety guides, series GS-R-3 (2006).
- 3.1.3 In case of discrepancy in the conceptual interpretation of the Russian and English versions of the IAEA documents, which are specified in it. 3.1.2, the English version of the document shall prevail.
- 3.1.4 The Supplier (Subcontractor) shall develop the Special Quality Assurance Program (hereinafter referred to as “the QAP”) of the carried out activities, which effects the safety, with inclusion of the required procedures.

3.2 Quality Assurance Program

- 3.2.1 The Supplier (Subcontractor) shall develop the QAP of its activities, which effect the safety, in compliance with NP-090, with consideration of the IAEA recommendations, regulations and safety guides, series GS-R-3 (2006), as well as of the requirements of this Quality Management.
- 3.2.2 If the Supplier (Subcontractor) does not carry out the activity, which requires the description as per it. 3.2.1, nevertheless, it is necessary to keep the title of the relevant section of the QAP and make an entry (under the title of this section) on the absence of this activity specifying the reason of absence.
- 3.2.3 The QAP shall be developed by the Supplier (Subcontractor), approved by the top management of the Supplier (Subcontractor) **within 2 (two) months from the date of signing of the Contract, but not later than 3 months prior to commencement of the works performance under the Contract**, and handed over to JSC NIKIMT-Atomstroy for approval. JSC NIKIMT-Atomstroy, within 2 (two) weeks from the date of receipt, shall send comments or approve the QAP by the letter to the Supplier’s (Subcontractor’s) address. The QAP updated according to JSC NIKIMT-Atomstroy comments shall be re-sent to JSC NIKIMT-Atomstroy for approval within **2 (two) weeks** from the date of receipt of the comments. JSC NIKIMT-Atomstroy is entitled to send the Supplier’s (Subcontractor’s) QAP to JSC ASE for approval. The Supplier (Subcontractor) shall incorporate the JSC ASE’s comments and send the updated QAP to JSC NIKIMT-Atomstroy and/or JSC ASE for final approval.
- 3.2.4 The QAP approved by all the parties, not later than two weeks from the date of its approval, shall be handed over to JSC NIKIMT-Atomstroy in soft copy, with scanned signatures in PDF format, in Russian and English languages.
- 3.2.5 JSC ASE may send the Supplier’s (Subcontractor’s) QAP to BAEC (upon a respective written request) for approval. The Supplier (Subcontractor) shall consider BAEC comments and send the updated revision of the QAP to JSC NIKIMT-Atomstroy and/or JSC ASE for final approval.

- 3.2.6 The Supplier (Subcontractor) shall have the right to start manufacturing of the products, which effect the safety, only after approval and agreement of the OAP according to the established procedure.
- 3.2.7 The Supplier shall regularly analyze the QAP on the part of the Management. Upon the analysis results, when revealing non-conformances, measures on their elimination shall be taken and, if required, the QAP updating shall be carried out. The Supplier (Subcontractor) shall make the mentioned analysis on the part of the Management at least once a year. The analysis results and recommendations on improvement of activities shall be submitted to JSC NIKIMT-Atomstroy as a part of the quality analysis report for the 1-st quarter of the following year.
- 3.2.8 Revision of the QAP shall be carried out according to the procedure prescribed by NP-090 and reflected in the QAP itself at least once every 5 years. Approval of the next revision of QAP shall be carried out as per items 3.2.3 - 3.2.4.
- 3.2.9 In the event of introduction of changes to the QAP in the process of works performance by the Supplier (Subcontractor), the content of these changes shall be submitted to JSC NIKIMT-Atomstroy. JSC NIKIMT-Atomstroy shall be entitled to give its comments to these changes. The Supplier (Subcontractor) shall consider the comments made and inform JSC NIKIMT-Atomstroy in writing about introduction of changes to the document.
- 3.2.10 If the Supplier (Subcontractor) delivers the products only with **QNC quality assurance category**, it shall ensure availability of the certified Quality Management System (QMS) at its work place, compliance with the requirements of the effective ISO standards, series 9000, or their national or industry-specific analogs, and send a copy of the certificate of conformity with QMS, Quality Manual and, upon the request from JSC NIKIMT-Atomstroy, of the QMS procedures to JSC NIKIMT-Atomstroy. The mentioned documents shall be sent to JSC NIKIMT-Atomstroy for information, the deadlines for their sending shall comply with the requirements specified in cl.3.2.3. Upon the request from JSC NIKIMT-Atomstroy and within **2 (two) weeks** from the date of receipt of the request, the Supplier (Subcontractor) shall provide translation of the Quality Manual into the English language.

3.3 QAP management procedures

- 3.3.1 The management procedures applied by the Supplier (Subcontractor) for the works under the Contract shall be developed by the Supplier (Subcontractor) and submitted to JSC NIKIMT-Atomstroy **simultaneously with the QAP** (for the QA1, QA2, QA3 quality assurance categories). It is allowed to use the appropriate standards of the Supplier's (Subcontractor's) organization as management procedures.
- 3.3.2 **In the event of effecting the delivery of the Equipment with QA1, QA2, QA3 quality assurance categories**, the Supplier (Subcontractor) shall provide translation of the QAP and developed management procedures into the English language, and send them to JSC NIKIMT-Atomstroy (with the signature of the person, who has performed the translation, and the signature of the person, who has checked the quality of the translation).
- 3.3.3 JSC NIKIMT-Atomstroy shall reserve the right to perform an expert examination of the QAP and any of the developed management procedures. In case of any comments, upon the results of the expert examination, the Supplier (Subcontractor) shall provide revision of the QAP and management procedures. Approval of the management procedures shall be carried out within the framework of the QAP approval given in it. 3.2.3.

- 3.3.4 The developed QAP and management procedures shall be submitted to JSC NIKIMT-Atomstroy in soft copy, with scanned signatures in PDF format, in Russian and English languages.
- 3.3.5 The list of management procedures shall be obligatory provided in one of appendices of the QAP, besides, the standards of the Supplier's (Subcontractor's) organization shall be specified separately from the developed Project management procedures.
- 3.3.6 The Project management procedures for supplies of the equipment with QA1, QA2 quality assurance categories shall be obligatory submitted (with all the amendments introduced to them) simultaneously with submission of the next QAP revision.
- 3.3.7 The procedure for assessment and selection of the Supplier's (Subcontractor's) subcontractors shall be obligatory agreed with JSC NIKIMT-Atomstroy (if such are engaged).

3.4 Working procedures

- 3.4.1 Working procedures shall be developed and approved before the beginning of the relevant design, manufacturing and products supply activity, in compliance with the procedure established at the Supplier's (Subcontractor's) enterprise.
- 3.4.2 Working procedures are not provided to JSC NIKIMT-Atomstroy for consideration or approval, but JSC NIKIMT-Atomstroy, JSC ASE and BAEC, during inspections or quality assurance audits, shall be entitled to familiarize themselves with any working procedures referred to in the QAP.
- 3.4.3 The list of the required working procedures shall be obligatory provided in one of appendices of the QAP.
- 3.4.4 Upon receipt of the comments on the technology of the equipment manufacturing, which have been made by JSC NIKIMT-Atomstroy, JSC ASE or BAEC, the Supplier (Subcontractor) shall submit its substantiated answers to the comments, with enclosure (upon the request from JSC NIKIMT-Atomstroy) of any working procedures specified in the QAP. The working procedures shall be submitted in Russian and English languages, in soft copy, with scanned signatures in PDF format.

3.5 Quality Plans

- 3.5.1 The whole activity of the Supplier (Subcontractor) on quality control of the equipment with QA1, QA2, QA3 quality categories and on Inspections by JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA and BAEC shall be reflected in the Quality Plans, which shall be submitted in the **bilingual** format.
- 3.5.2 The quality plans shall be executed for each product with QA1, QA2, QA3 quality categories. For small-volume production, if one passport (certificate of manufacturing) accompanies a batch of products, the Quality Plan shall be executed for the same batch.
- 3.5.3 Inspections shall be also performed for the Quality Plans for the following equipment with QNC quality category (safety class 4), which effects power generation, as well as for the high-voltage equipment:
- Turbine plant equipment,
 - Gas insulated switchgear,
 - Unit transformer,
 - Core catcher,
 - Cooling water circulation pumps;

- Another equipment upon agreement of the Parties.
- 3.5.4 The form of the Quality Plan, as well as rules and comments for its execution, are given in Supplement 2 to this Appendix.
- 3.5.5 In case the Supplier's (Subcontractor's) subcontractor (the Sub-supplier) is the manufacturer of the Equipment, the Quality Plans shall be developed by the subcontractor, according to the form of the Quality Plan (Supplement 2), adding the columns for the Supplier's (Subcontractor's) control points.
- 3.5.6 The Quality Plans for manufacturing of components, materials and semi-finished products shall be developed according to the form correspondent to Supplement 2, with participation of the Sub-supplier, Supplier (Subcontractor), JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA and BAEC in the following cases:
- for components that function as separate items of equipment (drives, electric motors, vessels, operating under pressure, pumps etc.) applied in QA1, QA2, QA3 equipment;
 - for components applied as a part of the equipment (items) of QA1 and QA2 quality categories (safety classes 1 and 2);
 - for components additional requirements to which were established by the equipment designer in accordance with it.3.6 NP-071-2006;
 - for basic materials (pre-fabricated items): forgings, castings, press formings and fasteners of the main joints to be used for manufacturing (repair) of the equipment (items) of safety classes 1, 2 (QA1, QA2 quality categories) subject to the federal codes and regulations "Rules for design and safe operation of the equipment and pipelines of nuclear power plants";
 - for basic materials (pre-fabricated items): forgings, castings, press formings to be used for manufacturing of internals of safety classes 1, 2 (shafts and blades of pumps, drives, gate valves, valves, reactor support slabs, etc.);
 - for cable products used in systems of Safety Classes 1, 2 and 3 (belonging to Quality Assurance Categories QA1, QA2, QA3);
- The option for exclusion of the JSC ASE and BAEC representatives from the Quality Plans shall be approved by JSC NIKIMT-Atomstroy.
- 3.5.7 The original Quality Plans shall be executed in one copy for an item/lot.
- 3.5.8 Development of the standard Quality Plan for a lot of similar items is allowed. In this case each specific item/lot has its Quality Plan, with enclosure of the copy of an approval sheet of the standard Quality Plan. The following shall be specified on the title page of the standard Quality Plan: "Standard Quality Plan".
- 3.5.9 The Quality Plans shall include a list of process and control operations that are important in the aspect of their impact on the items quality. Operation sequence in the Quality Plans shall comply with the operation sequence of the manufacturing process procedure.
- 3.5.10 The Supplier's (Subcontractor's) control points (if cl. 3.5.5 is applicable - the control points of the Supplier's (Subcontractor's) subcontractor) in all the operations of the Quality Plans shall be fixed with the status "hold point". The executed Quality Plans by the Supplier (Subcontractor) for review and approval shall be sent in "Quality" module, on the basis of the IS «The Supplier's Portal». While selecting control points by JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA and BAEC, where they are planning to participate, each party shall specify the control point status, based on the following principle:

- **HP** (Hold Point) – carrying out of subsequent operations of the manufacturing process is delayed until all the inspections and tests envisaged in the current operation are completed with the satisfactory result. The Quality Plans signed in the corresponding control point shall be considered as the permit for the following stage of the process procedure;
- **WP** (Witness Point) – the current and subsequent manufacturing operations are not suspended for the period of inspection that is conducted with supervision of the activities of contractors (of the Supplier's (Subcontractor's)/Sub-supplier's personnel) in the course of the manufacturing operation, including execution of the reporting documentation; The Quality Plans signed in the corresponding control point mean a positive result of the inspection or test;
- **WP(R)** (Witness Point based on documents) – the process and the results of the manufacturing operation are checked by review of the reporting documents after completion of the operation, as a rule, in the subsequent "HP" or "WP" control points, including the acceptance inspection.

3.5.11 In the Quality Plan draft the Supplier (Subcontractor)/ Sub-supplier shall obligatorily specify the following operations (but not limited to):

- manufacturing readiness inspection by the commencement of the equipment manufacturing (for the equipment with QA1, QA2, QA3 quality assurance categories);
- incoming inspection of basic, welding materials, as well as semi-finished products and component parts;
- special processes, supervision of the welding procedure qualification, claddings;
- forging, moulding, rolling, bending (if applicable);
- preparation and assembly of parts for welding/cladding (if applicable);
- welding/ cladding (if applicable);
- supervision of welded joints;
- heat treatment (if applicable);
- supervision of items assembly;
- non-destructive and destructive (if required) test methods;
- strength and leak tests (hydraulic or pneumatic);
- functioning tests;
- acceptance / acceptance and delivery tests;
- painting, preservation, packaging, marking;
- acceptance inspection.

3.5.12 Positive conclusions for all the control points (HP, WP, WP(R)) selected and specified in the Quality Plan are the basis for the final agreement and approval of the Quality Plan by all the Parties.

3.5.13 The Supplier (Subcontractor) shall not be entitled to delegate its authorities for conducting inspections, in its own name, in control points of the Quality Plans to the Sub-supplier for the cases specified in its.3.5.5-3.5.6.

3.5.14 The Quality Plans shall be developed and approved by the Supplier (Subcontractor)/Sub-supplier not later than 60 (sixty) calendar days prior to manufacturing of the specific item, and shall be handed over to the SO for approval. The period for review and approval of the Quality Plans on the part of the SO shall not exceed 5 (five) business days (if there are no comments).

3.5.15 The Quality Plans shall be handed over with the manufacturing schedules, general view drawings and assembly drawings, which reflect all the welded joints. For items, assembly units and parts of the equipment and pipelines for nuclear power plants

subject to Rules for design and safe operation of the equipment and pipelines of nuclear power plants (PNAE G-7-008-89) the Quality Plans shall be handed over also with the quality control programs/quality control tables TB1 and TB2. The above mentioned documents shall be handed over with translation into the English language or in the bilingual format.

In addition, the manufacturing schedules shall be handed over with the following detailed information, which corresponds to control points of the Quality Plans:

- manufacturing readiness inspection;
- incoming inspection of materials and component parts;
- non-destructive test;
- tests;
- acceptance inspection.

The schedule shall be approved (signed) by the management of the manufacturing plant.

The documents confirming approval of TA/TS, Detailed design documentation, QAP.

The Quality Plans shall be handed over in the DOC (Microsoft Word) format.

The remaining documents shall be handed over in PDF format. Names of files shall be in the English language. All the translated documents shall have signatures of a person who made the translation and the person who checked the quality of the translation.

- 3.5.16 In case of the stagewise manufacturing (in compliance with it.3.5.6), the table (in the XLS Microsoft Excel format) containing the information on the Quality Plans to be planned for development for the products, which are related to manufacturing of the equipment according to the specification to the Contract, shall be also handed over with the Quality Plans. The table format is given in Supplement 10 to Appendix 2. The table shall be handed over in the bilingual format.
- 3.5.17 The Supplier (Subcontractor) after approval of the Quality plans by the SO shall send it to JSC NIKIMT-Atomstroy. **Within 5 (five) business days** JSC NIKIMT-Atomstroy shall review the Quality Plans and determine its control points. If, upon the results of review, the Quality Plans shall be revised, JSC NIKIMT-Atomstroy shall forward its comments to the Supplier (Subcontractor), which shall take measures immediately and make corresponding corrections and send the revised Quality Plans to the SO and JSC NIKIMT-Atomstroy for repeated review. The repeated review of the Quality Plans shall not exceed 3 (three) business days. After the issues have been eliminated (or if there are no issues), the SO shall agree and JSC NIKIMT-Atomstroy shall approve the Quality Plans and send them to the Supplier (Subcontractor).
- 3.5.18 The Supplier, after receipt of the Quality Plans approved by JSC NIKIMT-Atomstroy, shall send them to JSC ASE and BAERA for review and approval. The procedure for review and approval of the Quality Plans by JSC ASE and BAERA is similar to the procedure for review and approval of the Quality Plans by JSC NIKIMT-Atomstroy that is described in it. 3.5.17.
- 3.5.19 Not less than **40 (forty) calendar days** prior to starting manufacturing, the Supplier (Subcontractor) shall send the Quality Plans approved by JSC ASE and BAERA to JSC NIKIMT-Atomstroy, with the set of the documents (it.3.5.15), for sending them to BAEC for approval. If BAEC has any comments, the Supplier (Subcontractor)

shall take them into account and send the revised versions of the Quality Plans to JSC NIKIMT-Atomstroy for finalization with BAEC. Upon a written request, the Supplier (Subcontractor), within the period not more than **7 (seven) calendar days** after receipt of the request, shall submit to JSC NIKIMT-Atomstroy the copies of any document (or an extract/excerpt from it) in the Russian and English languages, on quality control or of its part that allows to estimate the results of the supervised operation, and which is referenced to in the Quality Plans.

- 3.5.20 If required JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA, BAEC may request the standards, technical specifications, specifications or any regulatory, design and/or process documentation required for review of the Quality Plans and in the course of the works on the Quality Plans, from the Supplier (Subcontractor) as well. The Supplier (Subcontractor) shall either send this documentation, or grant access to its premises, where the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA, BAEC will have an opportunity to work with this documentation.
- 3.5.21 If required, the documents specified in its. 3.5.19-3.5.20 shall be translated into the English language by the Supplier (Subcontractor).
- 3.5.22 Availability of signatures of the responsible representatives of the Sub-supplier, Supplier (Subcontractor), JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA and BAEC in the sheet for development, finalization and approval of the planned inspection activities shall be deemed as confirmation of the fact of approval of the Quality Plans.
- 3.5.23 It is allowed to give reference to the official document confirming agreement and/or approval (fax, letter, etc.) instead of the agreement and/or approval signature in the Quality Plans.
- 3.5.24 If the Quality Plans are amended after their agreement and approval, it is required to re-send the Quality Plans for agreement and approval, specifying the reasons for revision.
- 3.5.25 **It is not allowed to start manufacturing prior to approval of the Quality Plans** as per the established procedure, as well as prior to the manufacturing readiness inspection. Otherwise, JSC NIKIMT-Atomstroy shall have the right to reject conducting inspections of the corresponding products manufactured without any control in compliance with the Quality Plans.
- 3.5.26 If required, the representatives of the Bangladesh regulatory authority (BAERA) shall have the right to participate in the inspections at the Supplier's (Subcontractor's) enterprise.

4. Requirements to the personnel qualification

- 4.1 The Supplier shall plan the number and training of the personnel performing the quality related works under the Contract. Planning and the results of training of the Supplier's (Subcontractor's)/Sub-supplier's personnel shall be reflected in the quarterly quality analysis reports to be submitted to JSC NIKIMT-Atomstroy.
- 4.2 The Supplier's (Subcontractor's)/Sub-supplier's personnel shall have the required qualification for performance of the relevant works under the Contract that shall be confirmed by the appropriate documents (diplomas, certificates etc.) issued in accordance with the established procedure.

5. Requirements for access of the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC, BAERA to the premises and the Supplier's (Subcontractor's) records.

- 5.1 The representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC and BAERA shall have the right to access to the premises of the Supplier (Subcontractor) and its subcontractors (if they are involved) related to performance of the works under the Contract by the Supplier (Subcontractor), with the purpose to conduct quality assurance audits and inspections in the procedure established by the procedure for access of the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC, BAERA to the Supplier's (Subcontractor's) premises.
- 5.2 Besides, the representatives of the regulatory authority of the People's Republic of Bangladesh - BAERA shall have the right of access to the Supplier's (Subcontractor's)/Sub-supplier's enterprises for participation in conducting audits and inspections as per the procedure established by the RF legislation and documents on arrangement of the access control of the Supplier (Subcontractor)/Sub-supplier.
- 5.3 In the procedure specified in cl. 5.1 the Supplier (Subcontractor) shall consider the requirements of the national legislation and regulatory documents related to arrangement of foreign citizens' visit to the restricted access enterprises.
- 5.4 Within **20 (twenty) calendar days** from the date of signing of the Contract, the Supplier (Subcontractor) shall officially notify JSC NIKIMT-Atomstroy (by sending an official letter or the directly documented procedure) of the procedure for access of the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC, BAERA to the Supplier's (Subcontractor's)/Sub-supplier's premises. The said notification shall contain requirements to the scope and deadlines of submission of the information required for arrangement of access to the Supplier's (Subcontractor's)/Sub-supplier's enterprise.
- 5.5 In the course of conducting quality assurance audits and inspections the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC, BAERA shall have the right to review the documentation for manufacturing, for example, drawings, process documents, standards, etc. The Supplier (Subcontractor)/Sub-supplier shall submit to the representatives of JSC NIKIMT-Atomstroy, the SO of the works under the Contract and also, at JSC NIKIMT-Atomstroy request, translate the mentioned documentation/extracts and records into the English language (if required, into the Russian language).
- 5.6 The Supplier (Subcontractor), upon JSC NIKIMT-Atomstroy request, shall handover copies of the documents submitted in compliance with cl. 5.5 to the JSC NIKIMT-Atomstroy, JSC ASE and BAEC representatives, with consideration of the requirements of the Russian legislation and General Contract between JSC ASE and BAEC.
- 5.7 JSC NIKIMT-Atomstroy, JSC ASE, BAEC, BAERA shall have the right to involve the specialized organizations for participation in the audits and inspections to be conducted by JSC NIKIMT-Atomstroy, JSC ASE and BAEC. JSC NIKIMT-Atomstroy shall notify the Supplier (Subcontractor) in advance of involvement of this organization. The representatives of the organization involved by BAEC shall also have the right to access the premises and the Supplier's (Subcontractor's)/Subcontractor's documentation.

6. Non-conformance management

6.1 General provisions

- 6.1.1 Non-conformance management activities are aimed at timely detection of the Products that do not comply with the requirements established in the procurement docu-

mentation and at prevention of supply of the nonconforming Products to Rooppur NPP.

In case the Products non-conformance to the established requirements has been revealed, the Supplier (Subcontractor) shall ensure identification of these Products and its separation (where possible) from another Product.

- 6.1.2 The Non-conformance management activities shall be arranged based on the differentiated approach that is considering the nature of existing deviations, as well as the complexity of solutions for their elimination.

If Non-conformances are revealed in the course of conducting the inspection of manufacturing of the Products, the representatives of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAEC, BAERA shall make the corresponding note in the Inspection Conclusion, where the description of the Non-conformance, requirement for the Supplier (Subcontractor) related to execution of the Non-conformance Report shall be specified, as well as the date, by which the Non-conformance Report shall be submitted to the representative of JSC NIKIMT-Atomstroy, the SO, JSC ASE, BAERA for verification of the Non-conformance class.

- 6.1.3 The Non-conformance management activity includes:

- Non-conformance detection (revealing);
- Non-conformance analysis;
- making preliminary decision on the Non-conformance;
- identification of Non-conformance class;
- verification of Non-conformance class by an authorized person of the Supplier (Subcontractor), the SO and/or BAERA (for equipment of safety classes 1, 2 and 3), JSC ASE and/or JSC NIKIMT-Atomstroy - for QNC equipment;
- Coordination and approval of decision on the Non-conformance by officials and authorized persons depending on the class of the Non-conformance;
- making preliminary decision on the Non-conformance;
- Elimination of the Non-conformance;
- repeated inspection of the elimination of the Non-conformance;
- carrying out of corrective actions.

- 6.1.4 All the Non-conformances are divided into 3 classes depending on the nature of the detected deviation from the established requirements (impact on safety and operability, methods of Non-conformance management, complexity of their elimination).

- 6.1.5 Non-conformances are classified according to the following principle:

Non-conformance of class 1: Non-conformance the elimination of which requires improvement/repair/additional testing/inspection of the Products, in accordance with detailed design documentation and the manufacturing process. After elimination of the non-conformance the Products shall fully comply with the requirements of the procurement documentation;

Non-conformance of class 2: Non-conformance the elimination of which requires improvement/repair/additional testing/inspection of the Products, in accordance with applicable detailed design documentation and the manufacturing process, but requires development of additional elimination procedures by the manufacturer plant. After elimination of the Non-conformance the Products shall fully comply with the requirements of the procurement documentation;

Non-conformance of class 3: Non-conformance the Products with which can be used for its intended purpose without its improvement/repair/additional testing/inspection. In such case the possibility of using the Products shall be justified by the developer of the detailed design documentation for the Products. The justification should be provided in a Non-conformance report with reference to the relevant RD, engineering and manufacturing documentation or issued by separate documents attached to it (calculations, drawings, etc.).

Nonconformity class	Decision on the non-conformance	Result
1	Improve/Repair according to the applicable engineering and process documentation	the item completely complies with the requirements of the procurement documentation
	Reject (the Manufacturer makes such a decision)	rejected products
2	Improve/Repair according to the applicable engineering and process documentation, as well as the additional non-conformance elimination procedures developed by the manufacturer plant.	the item completely complies with the requirements of the procurement documentation
	Reject based on opinion of the equipment designer	rejected products
3	Accept as it is based on opinion of the equipment designer	the item is acceptable for the intended use
	Reject based on opinion of the equipment designer	rejected products

6.1.6 If Non-conformances at the stages of manufacturing, supply of the Products and NPP construction are revealed, the Non-conformance Report shall be executed with the following information:

- identification number of the Non-conformance Report;
- name of the Supplier's (Subcontractor's) organization;
- number of the Agreement (contract) with the Supplier (Subcontractor);
- description of the Non-conformance;
- class of the Non-conformance;
- the decision on the Non-conformance (accept as it is, repair, rework, reject);
- list of activities on elimination of the Non-conformance;
- note about implementation of the decision on the Non-conformance.

- 6.1.7 The Supplier (Subcontractor) shall submit the Non-conformance Report to the SO, BAERA for review and approval within 3 working days from the date when the Supplier (Subcontractor) accepts a proposed decision on the Non-conformance revealed. The sequence for review and approval/agreement of the Reports on Non-conformance is as follows: The Supplier (Subcontractor)-the SO-JSC NIKIMT-Atomstroy-JSC ASE-BAERA-BAEC.
- 6.1.8 Non-conformance of class 1: the decision on the non-conformance elimination is taken by the Supplier (Subcontractor) and approved by the SO.
- Non-conformance of class 2: the decisions shall be approved by the Supplier (Subcontractor), the SO or JSC NIKIMT-Atomstroy or JSC ASE and BAERA.
- Non-conformance of class 3: the decision shall be approved by the Supplier (Subcontractor), the SO, JSC NIKIMT-Atomstroy and JSC ASE, BAERA and BAEC.
- The deadline for consideration of the Non-conformance Reports by any party that shall approve them shall not exceed **3 (three) working days**.
- The Non-conformance Reports for the equipment of class 2 of safety class 1 and 2 revealed during inspections shall be submitted to BAEC for review. BAEC shall have the right to take decisions with comments on the mentioned Reports within **3 (three) working days** from the date of receipt. If BAEC fails to send the decision within the above mentioned period, the Non-conformance Report shall be considered as approved one, and the Supplier (Subcontractor) shall have the right to continue the works.
- For the QNC category equipment the Non-conformance Reports for any class shall be approved only by JSC NIKIMT-Atomstroy and/or JSC ASE.
- 6.1.9 The Non-conformance Reports shall be submitted in the documentation package to be shipped together with items. The Non-conformance Report shall be accompanied with extracts from appropriate records about Non-conformances elimination and corrective actions planning.
- 6.1.10 The Supplier (Subcontractor) shall develop and implement the decision on the detected Non-conformance and make the Plan of corrective actions.
- 6.1.11 After the decision on Non-conformance has been implemented, a repeated inspection shall be performed. If such inspection confirms the Non-conformance elimination, it shall be recorded in the Non-Conformance Report and the report shall be considered as closed. If the Non-conformance elimination is not confirmed, the Supplier (Subcontractor) shall make a new Non-Conformance Report and fulfill the requirements as stated above.
- 6.1.12 The additional comments on execution of Non-conformances are given directly in the form of the Non-conformance Report. The form of the Non-conformance Report is given in Supplement 3 to this Appendix.
- 6.1.13 Depending on the nature of the revealed Non-conformance, design, engineering and materials research organizations can be involved for decision-making on elimination of this non-conformance.
- 6.1.14 For analysis of the revealed Non-conformances, supervision of their elimination and implementation of the corrective actions, the Supplier (Subcontractor) shall monthly prepare and send the Lists of the revealed Non-conformances to JSC NIKIMT-Atomstroy, according to the form of Supplement 9 to this Appendix.
- 6.1.15 Defects (unacceptable deviations from the established RD parameters), revealed by the manufacturer plant in welded joints and clad parts during their non-destructive test (including defects in preliminary fusion of the edges), the elimination of which is regulated by the federal norms and regulations in the field of atomic energy use, shall

be executed, approved and documented in accordance with the procedure established by the federal norms and regulations in the field of atomic energy use and in the procedures of the manufacturer plant. These documents shall be presented to the specialized organization and the organizations-participants of works performance as per the conformance assessment in the form of acceptance and/or testing of products in the course of inspection of the respective control points of the quality plan. In case of the above defects revealed within the framework of performance of works as per conformance assessment in the form of acceptance (tests) of the Products they are executed as documents of Non-conformances registration documents and accepted decisions according to the procedure established in this Appendix.

7. Quality assurance audits of the Supplier (Subcontractor)

- 7.1 In order to check the efficiency of the QAP implementation, JSC NIKIMT-Atomstroy shall conduct scheduled and unscheduled audits of the Suppliers (Subcontractors). BAEC shall have the right to participate in the audit checks to be conducted by the JSC NIKIMT-Atomstroy.

JSC NIKIMT-Atomstroy shall reserve the right to take part in the audits to be conducted by the Supplier (Subcontractor) at the premises of its sub-suppliers.

If the Supplier (Subcontractor) is not the manufacturer of the equipment, JSC NIKIMT-Atomstroy shall be entitled to conduct the audit at the Supplier's (Subcontractor's) sub-suppliers manufacturing the equipment under the Contract. In this case the Supplier (Subcontractor) shall provide participation of its representative in the audit.

The audits are performed by the persons, who are not directly involved in the audited activities and are independent of the persons, who are directly responsible for their implementation.

- 7.2 The Supplier (Subcontractor) shall develop the annual schedule of internal audits for assessment of its QAP efficiency. The Supplier (Subcontractor) shall develop the schedule of external audits for assessment of efficiency of its sub-suppliers' QAP implementation as far as contracts with the sub-suppliers are concluded. This schedule shall be brought to the notice of JSC NIKIMT-Atomstroy once a year, but not later than 3 (three) months prior to conducting of the first audit according to the schedule. Based on the above schedule, JSC NIKIMT-Atomstroy shall inform the Contractor (Subcontractor) of its participation in the audit checks.
- 7.3 JSC NIKIMT-Atomstroy shall notify the Supplier (Subcontractor) of the date of commencement of the quality audit **14 (fourteen) calendar days prior to conducting of the quality assurance audit. Within 5 (five) working days from the date of receipt of the notification**, the Supplier (Subcontractor) shall confirm in writing the possibility of the auditors arrival within the periods specified in the Quality Assurance Audit Plan.
- 7.4 JSC NIKIMT-Atomstroy and BAEC shall have the right of access to the structural subdivisions of the auditable organization that perform the works on this Project, as well as to the quality documentation related to this Project. Access of JSC NIKIMT-Atomstroy's, BAEC's personnel is described in section 5 hereof.
- 7.5 The results of the audits shall be documented in the Audit Reports in compliance with the valid Quality Management System procedure of the inspection authority.
- 7.6 The originals of JSC NIKIMT-Atomstroy's reports on the Suppliers' (Subcontractors') quality audits shall be kept according to the applicable procedures of the JSC NIKIMT-Atomstroy 's Quality Management System.
- 7.7 Reports on quality assurance audits shall be sent to the Supplier (Subcontractor) for analysis and elimination of detected Non-conformances, as well as for development

of corrective and preventive measures upon the audit results. The JSC NIKIMT-Atomstroy's respective subdivisions shall control the corrective measures performance.

- 7.8 The supervision of Non-conformance elimination and implementation of corrective actions includes the following:
- analysis at different levels of action plans on elimination of revealed Non-conformances and implementation of the corrective measures;
 - assessment of the obtained information about elimination of Non-conformances and implementation of the corrective measures;
 - conducting of repeated quality assurance audits (when necessary).
- 7.9 Corrective actions plans shall be sent to JSC NIKIMT-Atomstroy not later than **2 (two) weeks** after receiving the Audit Report.
- 7.10 If JSC NIKIMT-Atomstroy conducts audits of the Supplier (Subcontractor) with participation of BAEC, the Corrective Actions Plan shall be translated into the English language by the Supplier (Subcontractor) and sent to BAEC by JSC NIKIMT-Atomstroy.
- 7.11 The information about the corrective actions implemented by the Suppliers (Subcontractors) shall be sent to BAEC based on the results of the audits conducted jointly with BAEC.
- 7.12 After the Corrective Actions Plan is received and reviewed, JSC NIKIMT-Atomstroy shall be entitled to give its comments on the content of the Corrective Actions Plan, which shall be considered by the inspected company, or it shall give reasons for refusal from introduction of such changes.
- 7.13 The results of implementation of the corrective actions shall be confirmed by the documents that shall be sent to JSC NIKIMT-Atomstroy for analysis and approval.
- 7.14 JSC NIKIMT-Atomstroy and BAEC shall be entitled to conduct the repeated quality assurance audit in order to check implementation of the corrective actions and their efficiency.

8. Inspections

8.1 General provisions

- 8.1.1 The Supplier (Subcontractor) not later than 5 (five) working days after signing of the Contract/Additional Agreement with JSC NIKIMT-Atomstroy, as well as the Contract/Additional Agreement with Sub-suppliers shall send a request to JSC NIKIMT-Atomstroy for involvement of the Specialized Organization, with enclosure of the copies of the documents specified in it.11.1.
- 8.1.2 Collaboration with BAERA (JSC “VO “Safety”) shall be performed according to «The Procedure for collaboration in assessment of the equipment compliance for Rooppur NPP in the acceptance form» (Supplement 11 hereto).
- 8.1.3 The Supplier (Subcontractor), after involvement of the SO and BAERA, shall send the information on its Sub-suppliers to JSC NIKIMT-Atomstroy and BAERA (as far as the contracts are concluded) as well as on the manufacturing premises for the Products (or component parts for the Products that require inspection during manufacturing in compliance with cl. 3.5.5), with the purpose of arrangement of the works on manufacturing supervision and acceptance inspections of the Products on these factory premises and at the enterprises of the Sub-suppliers.

- 8.1.4 The SO and BAERA, within **3 (three) business days** after receipt of the information letter and of the data from the Supplier (Subcontractor) on its Sub-suppliers and manufacturing sites for the Products (or component parts), shall arrange the works of its representatives for manufacturing supervision and acceptance inspections of the Products to be manufactured under the Contract between JSC NIKIMT-Atomstroy and the Supplier (Subcontractor).
- 8.1.5 The inspections in the course of performance of the works on manufacturing and supply of the Products with QA1, QA2, QA3 quality assurance categories shall be conducted according to the approved Quality Plans. Upon completion of manufacturing, the acceptance inspection of the ready for shipment Products shall be conducted.
- 8.1.6 The Supplier (Subcontractor) shall be responsible for development and timely approval of the QAP, TA/TS/TR, WDD, Quality Plans, timely notification of the SO, JSC NIKIMT-Atomstroy, BAERA, BAEC of the readiness for conducting of inspections, carrying out of all the testing operations and tests stipulated by the technical documentation and Quality Plans, execution of the Non-conformance Reports and for elimination of Non-conformances, revealed in the course of performance of the works and inspections, preparation of the drafts of the documents to be executed based on the results of inspections.
- 8.1.7 Participation of the SO, JSC NIKIMT-Atomstroy, JSC ASE, BAEC, BAERA in inspections shall not release the Supplier (Subcontractor) from responsibility for quality of the Products to be supplied.
- 8.1.8 Commencement of manufacturing of the Products with QA1, QA2, QA3 quality categories shall be preceded by the meeting on inspection of production readiness that shall be held in the Supplier's (Subcontractor's) territory, with an obligatory invitation of the representatives of the SO, JSC NIKIMT-Atomstroy, JSC ASE, BAEC, BAERA.
- 8.1.9 The Supplier (Subcontractor) shall send the corresponding Notification to the SO, JSC NIKIMT-Atomstroy, BAEC, BAERA regarding the scheduled inspection of production readiness **10 (ten) calendar days** prior to the scheduled inspection. JSC NIKIMT-Atomstroy shall inform JSC ASE, BAEC of the Supplier's (Subcontractor's) readiness for inspection of production readiness. Upon a separate written request (if it is required to send the representatives of BAEC from the PRB on a business trip), the notification shall be sent by the Supplier (Subcontractor) 1 (one) month prior to the scheduled activities.
- 8.1.10 If foreign citizens have the restricted access to the Supplier's (Subcontractor's) enterprise, the Notification of the scheduled inspection of production readiness shall be sent to JSC NIKIMT-Atomstroy **60 (sixty) calendar days in advance** before the planned operation.
- 8.1.11 The meeting on inspection of production readiness shall be held for assessment of fulfillment of the required conditions by the enterprise, which are sufficient for commencement of manufacturing of the safety related Products, and for making a decision on their production start-up. Obligatory conditions for taking a decision on production start-up are given in Supplement 6 hereto.
- 8.1.12 The positive result of the meeting and permission of production start-up of the Products are signatures of the Sub-supplier's, Supplier's (Subcontractor's), SO's, JSC NIKIMT-Atomstroy, JSC ASE, BAEC, BAEC representatives in the appropriate columns of the Quality Plans and/or the Minutes of the meeting on production start-up with a positive conclusion.

- 8.1.13 For the Products related to the QNC quality assurance category, the inspections shall be conducted upon completion of manufacturing at the Supplier's (Subcontractor's)/Sub-supplier's enterprise as the acceptance inspection of the Products, within the deadlines specified in the manufacturing schedules. The representatives of JSC NIKIMT-Atomstroy, JSC ASE and BAEC shall be entitled to participate on a selective basis in the acceptance tests of the Products with the QNC quality assurance category, which shall be conducted by the Supplier (Subcontractor), in compliance with the applicable regulatory documents for the Products.
- 8.1.14 JSC NIKIMT-Atomstroy, JSC ASE, BAEC and BAERA can involve their specialized organization for assessment of compliance of the safety related systems, structures and components.

8.2 Inspections in the course of manufacturing

- 8.2.1 The inspections of the Products with the QA1, QA2, QA3 quality assurance categories shall be conducted on the basis of the Notification of the inspection (for control points with «HP» and «WP» statuses) to be sent by the Supplier (Subcontractor) to the SO, BAERA, JSC NIKIMT-Atomstroy not later than **10 (ten) calendar days** prior to the scheduled date of the beginning of the inspection (and **60 (sixty) calendar days** for the enterprises with restricted access for foreign citizens).
- 8.2.2 **If the Supplier (Subcontractor) fails to meet** the above mentioned deadlines, JSC NIKIMT-Atomstroy **shall have the right** to postpone the inspection for a later period (but not more than for 10 (ten) and 60 (sixty) calendar days correspondingly, from the date of the notification receipt). In this case the **Supplier (Subcontractor) shall bear responsibility** for suspension of the production process and disruption of the Products manufacturing and shipment schedule.
- 8.2.3 In cases when the representative of the SO and/or BAERA and/or BAEC is permanently available in the Supplier's (Subcontractor's) enterprises, the deadlines for sending the Notification of inspection can be updated by the joint decision of the parties, upon agreement with JSC NIKIMT-Atomstroy.
- 8.2.4 Invitation of the experts from the concerned organizations shall be binding for participation in:
- acceptance inspections of any equipment;
 - the inspections stipulated by the Quality Plans as “HP” and “WP” control points, the Invitation for the inspection stipulated by the Quality Plan as the “WP(R)” control point is not required, and the specified inspection shall be conducted simultaneously with examination of the subsequent “HP” and/or “WP” control points.
- 8.2.5 The form of the Notification of inspection is given in Supplement 7.1 hereto. The form of the cover page of the Notification of inspection shall be kept unchanged. If there is not enough space on the cover page for the information of the scheduled inspections, the attachment to the Notification shall be prepared according to the form given in Supplement 7.1 hereto.
- 8.2.6 The Notification shall be sent in soft copy, in the bilingual form, in Microsoft Excel format, with an accompanying letter.
- 8.2.7 If the permanent representative of the SO and/or BAERA is available at the Supplier's (Subcontractor's) enterprise, the Notification, apart from the signature of the Supplier's (Subcontractor's) official, shall also have the signature of the representative of the SO and/or BAERA, confirming the Supplier's readiness for conducting an inspection.

- 8.2.8 The copy of the Notification of inspection signed by the Supplier's (Subcontractor's)/Sub-supplier's official shall be handed over to Inspectors upon arrival at the Supplier's (Subcontractor's) enterprise.
- 8.2.9 The Notification of inspection shall include at least the following information:
- name of the Supplier's (Subcontractor's)/Sub-supplier's organization;
 - site for the inspection;
 - name of the Products under the Contract (or under the supplement to the Contract) to be inspected;
 - Quality plan number;
 - item number, KKS code and quantity of the products under the Contract (or under the supplement to the Contract);
 - number and name of activity as per the Quality Plan;
 - the date of the inspection commencement;
 - anticipated date of completion of the inspection according to the manufacturing schedules (the inspection period).
- 8.2.10 **Within 3 (three) working days** after receipt of the notification from the Supplier (Subcontractor), JSC NIKIMT-Atomstroy shall inform JSC ASE and BAEC about the scheduled inspection. **Within 3 (three) working days** BAEC, JSC ASE shall send an official reply to JSC NIKIMT-Atomstroy regarding participation of its representatives in the scheduled inspection.
- 8.2.11 JSC NIKIMT-Atomstroy, JSC ASE and BAEC are entitled not to participate in inspections, in this case JSC NIKIMT-Atomstroy and/or JSC ASE and/or BAEC shall officially notify about their refusal to participate in the certain inspection and of the possibility to continue the works without their attendance.
- 8.2.12 If the representatives of BAEC, JSC ASE, JSC NIKIMT-Atomstroy have not arrived at the appointed time, the Supplier (Subcontractor) shall send a reminder to JSC NIKIMT-Atomstroy, and JSC NIKIMT-Atomstroy shall send a renotification to JSC ASE, BAEC, and the hold point shall be suspended for **48 (forty eight) hours more**, after that the process procedure of manufacturing can be continued.
- 8.2.13 The subsequent activities can not be continued unless the Inspectors have signed the previous control point with HP status. However, in the case specified in it.8.2.11 and it. 8.2.12, the representatives of the SO, BAEC, BAERA shall sign this point upon the results of revision of the reporting documents during the following inspection.
- 8.2.14 In column "Notes" of the Quality Plans for each control point the Supplier (Subcontractor)/Sub-supplier can specify numbers of the documents confirming the results of implementation of the control/process operation (protocols, acts, certificates, etc.), as well as numbers of Non-conformance Reports.
- 8.2.15 Upon the results of the conducted inspection, the representatives of BAEC, JSC ASE, JSC NIKIMT-Atomstroy, the SO, BAERA shall put their signatures in the corresponding columns of the Quality Plans, and that is the confirmation of the positive result of the inspection. The Inspection Report shall be typed on the back side of the cover page of the Inspection Notification.
- 8.2.16 When delegating the authorities to the Supplier (Subcontractor) for conducting the Inspection in the control point on behalf of JSC NIKIMT-Atomstroy and/or JSC ASE, the Supplier's (Subcontractor's) representative shall make a note in the corresponding control points and in the JSC NIKIMT-Atomstroy and/or JSC ASE column of the Quality Plans, specifying the number and date of the JSC NIKIMT-Atomstroy and/or JSC ASE letter regarding delegation of the authorities.

- 8.2.17 If any Non-conformances of the Products with the set requirements are revealed in the course of inspections, the Conclusion of inspection shall be executed, specifying the Non-conformances and the requirement to execute the Non-conformance Report (the form is given in Supplement 3). After elimination of the revealed Non-conformance, a reinspection shall be held.
- 8.2.18 The reinspection of the Products shall be held according to the reminder of inspection, with execution of the Statement on the reinspection. The forms of the documents are given in Supplement 7.2.
- 8.2.19 In case of rescheduling of the inspection, due to the fault of the Supplier (Subcontractor), for the period of more than 10 (ten) calendar days, or in case of the reinspection held upon the results of the scheduled inspection, the Supplier shall bear all the expenses incurred with the SO, JSC NIKIMT-Atomstroy, JSC ASE, BAERA and BAEC that are related to the travel and accommodation for participation in conducting of the inspection.

8.3 Acceptance inspections of the products

- 8.3.1 For the equipment supplies with QA1, QA2, QA3 quality assurance categories, an acceptance inspection is the last control point (with HP status) in the Quality Plans for the corresponding supplies. For equipment supplies with QNC quality assurance category, the acceptance inspection is held after manufacturing completion before shipment of the equipment within the deadlines specified in the products manufacturing schedule.
- 8.3.2 The notification of the Supplier (Subcontractor) of readiness for inspection shall be sent according to the procedure similar to the procedure described in section 8.2.
- 8.3.3 The original of the Notification of Inspection shall be handed over to the authorized representatives of the SO, JSC NIKIMT-Atomstroy, JSC ASE, BAERA, BAEC upon their arrival at the Supplier's (Subcontractor's)/Sub-supplier's enterprise to conduct the acceptance inspection.
- 8.3.4 For acceptance inspection the Products that have passed the required checks and tests and accepted by the Quality Control Department of the Supplier's (Subcontractor's)/Sub-supplier's enterprise, shall be presented.
- 8.3.5 The acceptance inspection of the Products shall include at least the following:
- revision of the reporting documentation of technical control;
 - verification of completeness of the Products to be presented for the acceptance inspection;
 - verification of completeness and execution of the technical and shipping documents;
 - visual and measurement inspection (whenever necessary);
 - verification of preservation, painting, packaging, marking of the Products for compliance with the terms of delivery;
 - check of marking and phytosanitary treatment of containers.
- 8.3.6 In the course of acceptance inspections the reports on qualification of the Products to be supplied (test reports for the standard/prototype models, calculations, reports, etc.) for compliance with the parameters stipulated by the technical requirements (specifications) or technical conditions that cannot be changed during the manufacturing process, shall be submitted to the representatives of the SO, BAERA, JSC NIKIMT-Atomstroy, JSC ASE and BAEC. This information shall be submitted before the first shipment of the Products, to which the tests of the corresponding type are applicable. The SO, BAERA, JSC NIKIMT-Atomstroy, JSC ASE and BAEC shall be entitled to

request the above mentioned reports in the course of conducting the acceptance inspection.

- 8.3.7 The Products shall be considered as finally accepted if all the measurements, tests and inspections have been conducted in the scope and sequence envisaged by the inspection and test methods and/or program, technical documentation and the Quality Plans.
- 8.3.8 After the acceptance inspection of the Products with QA1, QA2, QA3 quality assurance categories, the representatives of the SO, BAERA, JSC NIKIMT-Atomstroy, JSC ASE and BAEC shall put their signatures in «The agreement and approval record sheet for the results of inspections» of the Quality Plans. Meanwhile the Quality Plans are considered as completed, and the Products and forwarding documents are ready for shipment. For the Products with QNC quality assurance category, the Acceptance Inspection Certificate shall be signed by the representatives of JSC NIKIMT-Atomstroy and/or JSC ASE and/or BAEC.
- 8.3.9 Completely executed copies of the Quality Plans and Acceptance Inspection Certificate (for Products with QNC quality assurance category) shall be supplied as a part of the technical documentation to be shipped together with the Products. Besides, the results of the tests held at the Supplier's (Subcontractor's)/Sub-supplier's enterprise are recorded in the Passport for the Products and also sent in the package of the technical documentation.
- 8.3.10 If the acceptance inspection result is negative, the Supplier (Subcontractor)/Sub-supplier shall eliminate the discrepancies noted in the comments of the representatives of the SO, BAERA, JSC NIKIMT-Atomstroy, JSC ASE and BAEC stated in the Inspection Report, and notify the above organizations of the second acceptance inspection (issue and send the Repeated Notification of Inspection in compliance with Supplement 7.2).
- 8.3.11 When delegating the authorities to the Supplier (Subcontractor) for conducting the acceptance inspection on behalf of JSC NIKIMT-Atomstroy and/or JSC ASE, the Supplier's (Subcontractor's) representative shall make a note in the corresponding JSC NIKIMT-Atomstroy and/or JSC ASE lines and columns in the Notification of Inspection, Quality Plan or in the Acceptance Inspection Certificate specifying the number and date of the JSC NIKIMT-Atomstroy and/or JSC ASE letter regarding delegation of the authorities.
- 8.3.12 The copies of the signed Quality Plans, Notifications of Inspection/Inspection Reports, Protocols, Acceptance Inspection Certificates (for the QNC equipment) and packing lists the Supplier (Subcontractor) shall submit together with a covering letter to JSC ASE Quality Division (e-mail: quality@atomstroyexport.ru) and Quality Assurance Department (e-mail: post@atomrus.ru) within **3 (three) calendar days after signing (in soft copy)**. All the documents shall be provided in Russian and in English.
- 8.3.13 After completion of the Quality Plan or execution of the Acceptance Inspection Certificate for the equipment, the SO and/or BAERA (if required) shall check the loading operations and verify compliance of unfastening of the product on the carrier with the requirements for fastening of this cargo on the Supplier's (Subcontractor's) carrier, with execution of the Shipping Inspection Report.

9. The documents to be handed over by the Supplier (Subcontractor) for consideration and/or approval

- 9.1 The cumulative information on the documents to be prepared by the Supplier (Subcontractor)/Sub-supplier in fulfillment of their obligations under the contract and

handed over to JSC NIKIMT-Atomstroy for consideration and/or approval, is given below.

9.2 The Supplier (Subcontractor) shall prepare and handover the following documents to JSC NIKIMT-Atomstroy:

No	Name	Submission to JSC NIKIMT-Atomstroy			
		QA1	QA2	QA3	QNC
1.	Quality Assurance Program	A	A	A	-
2.	Quality Manual	-	-	-	I
3.	Management procedures	A	A	A	I*
4.	Work procedures	I**	I**	I**	I**
5.	Quality Plans	A	A	A	-
6.	Quality Analysis Reports	I	I	I	I
7.	Reports on Non-conformances of all classes	In compliance with the requirements of Section 6			
8.	The consolidated data on Non-conformances of all classes - monthly	R			
9.	Plan for implementation of corrective actions on the Non-conformances and comments revealed as a result of the quality assurance audits held at the Supplier (Subcontractor) by JSC NIKIMT-Atomstroy	A	A	A	A
10.	Certificates for implementation of corrective actions on the Non-conformances and comments revealed during the quality assurance audits held at the Supplier (Subcontractor) by JSC NIKIMT-Atomstroy	A	A	A	A
A – approval; R – review; I – for information; I* – for information upon a request; I** – to be submitted in the course of audits and inspections					

9.3 Apart from the documents described above, the Supplier (Subcontractor) shall submit the following documents (upon the JSC NIKIMT-Atomstroy's request):

- list of the regulations to be observed when performing the quality control (inspections);
- any document (or an extract from it) from the above mentioned list (in one copy in the Russian and English languages), within the period not more than **3 (three) weeks** after the JSC NIKIMT-Atomstroy's request.

9.4 The Supplier (Subcontractor) shall ensure receipt of the permits, licenses, certificates of conformity and other documents required according to the RF legislation for development, manufacturing and supply of the Products.

9.5 The Supplier (Subcontractor) shall send, every three months starting from the date of signing of this Contract, the Quality Analysis Report to JSC NIKIMT-Atomstroy. The requirements to the content and the form of the Quality Analysis Report are given in Supplement 4.

- 9.6 In case of failure to meet the deadlines stipulated for submission of the above mentioned documents due to the Supplier's (Subcontractor's) fault, JSC NIKIMT-Atomstroy shall have the right to suspend conducting of the Products inspections. The responsibility for failure to comply with the manufacturing schedule in this case rests with the Supplier (Subcontractor), and it causes imposition of the penalties stipulated by the Contract.

10. The documents to be provided with the Products

The Supplier (Subcontractor) shall also include the following documents in the package of the documents to be sent to JSC NIKIMT-Atomstroy together with the Products:

- completed Quality Plans with the corresponding records of passing the points (for the QA1, QA2, QA3 equipment);
- copies of the executed Reports on non-conformances of all classes;
- list of the Reports on non-conformances of all classes;
- Acceptance Inspection Certificate (for the QNC equipment).

All the documents to be provided with the Products shall have a translation into the English. All the translated documents shall have signatures of the person who made the translation and the person who checked the quality of the translation.

11. Requirements to the Supplier (Subcontractor) related to the Supplier's (Subcontractor's) subcontractors

- 11.1 The Supplier (Subcontractor) shall provide JSC NIKIMT-Atomstroy, **starting from the date of signing of the Contract**, with the information on the selected subcontractors. Such information shall include the following:

- full name of the organization in Russian and English (specifying its organizational legal form);
- scope of the works to be performed by this organization;
- specification for the subcontract Products;
- Quality Management.

- 11.2 The Supplier (Contractor) shall envisage the activities of JSC NIKIMT-Atomstroy, JSC ASE, the Specialized Organizations, BAEC, BAERA on conducting audits, supervision of manufacturing and acceptance inspections in the quality requirements specified for its main subcontractors.

- 11.3 JSC NIKIMT-Atomstroy shall be entitled to give its comments regarding the scope and content of the quality assurance requirements specified by the Supplier (Subcontractor) for its subcontractors, and the Supplier (Subcontractor) shall consider such comments within **1 (one) month** from the date of their receipt. The Supplier (Subcontractor) shall ensure fulfillment by subcontractors of the quality assurance requirements agreed with JSC NIKIMT-Atomstroy.

- 11.4 The Supplier (Subcontractor) shall ensure regular monitoring of fulfillment by subcontractors of the quality assurance requirements agreed with JSC NIKIMT-Atomstroy. The scope and deadlines of submission of the information regarding fulfillment of the quality obligations by subcontractors shall be additionally agreed by the parties after signing of the Contract.

- 11.5 The Supplier (Subcontractor) shall arrange development of the QAP of its subcontractors manufacturing the Products with QA1, QA2 и QA3 quality assurance categories, as well as component parts, materials and semi-finished products according to it.3.5.6. The structure of the subcontractor's QAP shall comply with the requirements of section 3.2.

- 11.6 The Supplier (Subcontractor) shall approve the developed QAPs of its subcontractors. The QAPs of the subcontractors manufacturing the Products with QA1, QA2 и QA3 quality assurance categories, as well as component parts, materials and semi-finished products according to it.3.5.6, approved by the Supplier (Subcontractor) shall be sent to JSC NIKIMT-Atomstroy for approval.
- 11.7 Upon the JSC NIKIMT-Atomstroy's request, the QAP and procedures (if they are developed) of the Supplier's (Subcontractor's) subcontractors shall be presented to JSC NIKIMT-Atomstroy for consideration.
- 11.8 If the Supplier's (Subcontractor's) subcontractor supplies the general industrial purpose Products, the Supplier (Subcontractor) shall analyze the subcontractor's Quality Manual that shall be developed in compliance with the requirements of the international standards ISO, series 9000 or of their national or industry-specific analogs.
- 11.9 JSC NIKIMT-Atomstroy, JSC ASE, the SO, BAERA, BAEC shall be entitled to participate in quality assurance audits to be conducted by the Supplier (Subcontractor) in the subcontractors' enterprises.
- 11.10 Upon the JSC NIKIMT-Atomstroy's request, the Supplier (Subcontractor) shall submit Corrective Measures Plans and evidences of implementation of the corrective measures of the subcontractors upon the quality assurance audit results conducted by the Supplier (Subcontractor) at the subcontractors.
- 11.11 JSC NIKIMT-Atomstroy, JSC ASE, the SO, BAERA, BAEC shall be entitled to participate in the supervision of manufacturing to be performed by the Supplier (Subcontractor) at its subcontractors. It is mandatory for the Supplier (Subcontractor), in case of involvement of subcontractors for manufacturing, to record the HP statuses in the quality plans developed by them, at least for control operations, with the obligatory participation of its representatives in these points, without the right to delegation of powers to the representatives of subcontractors to be involved:
- Inspection of the production readiness for commencement of manufacturing;
 - Destructive and non-destructive inspection;
 - Acceptance/acceptance and delivery tests (if the operation is available);
 - Acceptance inspection

12. Storage of documents

- 12.1 The Supplier (Subcontractor) shall be responsible for development and functioning of the documentation and record storage system, according to the recommendations of the IAEA Safety Guide GS-G-3.1 «Application of the control system for plants and activities».
- 12.2 The archive storage shall be developed and described, and operate in order to ensure identification and tracing of the stored documentation, guarantee its efficient protection against any damages caused by fire, excessive temperatures, light, water or moisture, floods, hurricane, rodents, insects, unauthorized access and other events that may lead to the damage or loss of the documentation.
- 12.3 It is mandatory for the Supplier (Subcontractor) to specify the requirements for development of the documentation storage system to its subcontractors.
- 12.4 The documentation to be developed by the Supplier (Subcontractor) or its subcontractors within the framework of the contract, and classified as the documentation subject to storage shall be stored in the organizations responsible for its development (during the whole storage period fixed for each type of the documentation).
- 12.5 The documents mentioned below shall be stored up to the expiration of the lifetime of the Products to be designed and manufactured under the Contract.
- design and technical documentation according to the provisions of the Contract;

- lists of the Products and assembly units, and detailed drawings;
 - internal regulations for welding, heat treatment and non-destructive types of inspections that are applicable at the date of performance of the corresponding operation, including the documents on sequence of manufacturing, such as Quality Plans and other documents (if any);
 - reports on heat treatment as well as reports on test results.
- 12.6 Upon expiration of the documentation storage period, the Supplier (Subcontractor) shall inquire JSC NIKIMT-Atomstroy for further actions with the mentioned documentation: the necessity of its further storage, sending to JSC NIKIMT-Atomstroy or of other actions.
- 12.7 **During the whole documentation and records storage period**, the Supplier (Subcontractor) shall inform JSC NIKIMT-Atomstroy in advance of any change in its legal status or structure – of the beginning of the bankruptcy procedure, insolvency, acquisition, merging with another company, instructions on legal disputes on the property, liquidation, etc. – in order that JSC NIKIMT-Atomstroy can take all the required measures for providing proper documentation storage.

13. Inspections at the equipment arrival to the site

- 13.1 At the Equipment arrival to the site, JSC ASE and JSC NIKIMT-Atomstroy, with participation of BAEC, shall conduct the incoming inspection. The Supplier (Subcontractor), subcontractor that have manufactured the equipment shall have the right to participate in the incoming inspection.
- 13.2 The procedure for conducting of the incoming inspection will be established in the Regulation on the incoming inspection.
- 13.3 In case if in the course of the incoming inspection non-destructive tests of the Equipment are carried out, the testing procedure and methods, as well as the results evaluation criteria shall be similar to the ones for the non-destructive tests conducted in the manufacturing plant, otherwise all deviations shall be agreed with the manufacturer.
- 13.4 Based on the results of the incoming inspection, the Incoming Inspection Certificate is drawn up.

14. Inspections in the course of the works performance on the site

- 14.1 The necessity and scope of inspections of works on the site are determined by the safety importance of the buildings and structures to be erected. Inspections shall be conducted in the buildings and structures, where the following is available:
- the systems important to NPP safety and operation, and related to safety classes 1, 2 and 3;
 - the systems effecting on electric power generation and related to safety class 4.
- 14.2 The Subcontractors to be involved by JSC NIKIMT-Atomstroy for works performance on the Rooppur NPP site, according to the requirements of the agreements/contracts, their individual QAPs and documented procedures, shall perform the following:
- incoming inspection of the working documentation;
 - incoming quality inspection of the materials, items and structures, parts and semi-finished products arriving for the works performance;
 - operational quality inspection of construction works;

- certification of concealed works and provisional acceptance of erected civil structures, acceptance inspection of the completed types, stages of works, structures or their components;
 - inspection check-up of the industrial technology and quality of works or structural components
- 14.3 In the course of the works on the Site, the JSC NIKIMT-Atomstroy, JSC ASE and BAEC representatives can conduct inspections for quality control of all the works to be performed. The inspections shall be conducted according to the schedule approved by JSC NIKIMT-Atomstroy, JSC ASE and BAEC in advance.
- 14.4 During the inspection control the random inspection of meeting the technology of the CEW and Pre-commissioning Works shall be conducted, as well as of the quality of the performed works, completed structural components; this inspection control shall be conducted after the operational or acceptance inspection by the specially authorized persons or services of the Subcontractor, JSC NIKIMT-Atomstroy, JSC ASE and BAEC.
- 14.5 The inspections are conducted in the form of:
- general scheduled inspections;
 - target scheduled inspections;
 - unscheduled inspections.
- 14.6 In the course of general scheduled inspections of all the performed construction works the following shall be inspected:
- quality conformity of the performed works with the established project requirements and regulatory documents by observation and analysis of the quality documentation;
 - fulfillment of the requirements of the designer supervision and instructions of control (supervisory) organizations;
 - implementation of the corrective measures revealed in the course of inspections of quality assurance program functioning.
- 14.7 Unscheduled inspections shall be conducted when the information is obtained on Non-conformances revealed during the designer supervision and/or by the control (supervisory) organizations, and/or BAEC, in the works performed by the Subcontractors.
- 14.8 The detailed implementation of the above requirements at each stage of works on the Site is described in the relevant procedures for control of these works performance. During the inspections at Rooppur NPP construction site all the participants shall follow current procedures at NPP construction site.

Addendum No. 1

“General requirements for the structure and content of the Supplier’s (Subcontractor’s) Quality Assurance Program”

The Supplier’s (Subcontractor’s) Quality Assurance Program shall meet the requirements of NP-090, with consideration of recommendations of norms and IAEA safety guides, series GS-R-3 (2006), and contain the information complying with the below mentioned requirements:

1. The procedure for development, approval, coming of the documentation specified in the Contract into force, shall be determined for: the individual QAP, management procedures, Quality Plans, Non-conformance Reports, Quality Analysis Reports, the procedure as well as the distribution of liability for the above mentioned activities.
2. The organizational structure of the enterprise, specifying the responsibility of all the subdivisions related to performance of the works under the Contract, and methods for their cooperation (interfaces), both administrative and quality ones, shall be obligatorily included in the Supplier’s individual QAP. The organizational structure shall be supplemented with the description of the responsibility and authorities of all the officials specified in the organizational structure, in the table format. The organizational structure of interfaces with JSC NIKIMT-Atomstroy and the Supplier’s (Subcontractor’s) subcontractors, supervisory authorities and the Specialized Organizations shall be also attached.
3. The Authorized Representatives of the organization top management in the quality field shall be determined and specified.
4. It is required to determine, in which way “the QAP analysis from the side of the top management” is carried out, including the responsibility for implementation of these activities.
5. The classification of Non-conformances, management of Non-conformances of different classes, procedure for activities, if the Non-conformances of different classes are revealed, sending of the reports to JSC NIKIMT-Atomstroy shall be reflected.
6. The Supplier’s (Subcontractor’s) quality assurance activities in implementation of other Contract requirements shall be reflected, for example, delivery of the technical documentation with the Products, inspection of completeness, preparation, procedure for storage, shipment and supply of the Products by sea, railway, air, requirements for marking, procedure for carrying out of erection supervision, etc.
7. The procedure for updating of the design and other documentation, introduction of amendments to the project, control of introduction of amendments to the project, procedure for communication with JSC NIKIMT-Atomstroy, design and supervisory organizations shall be reflected, as well as on the issue of approval (if the requirements for approval are specified in the Contract) of the technical requirements, TA and other design and process documents.
8. The procedure for holding a meeting prior to the Product start-up shall be described for the Products to be manufactured.
9. The Supplier’s (Subcontractor’s) activities on selection of subcontractors, specifying the quality requirements to them, procedure for their supervision shall be reflected.
10. The Supplier’s (Subcontractor’s) activities on storage of the documents shall be reflected.

11. Sequence of the Supplier's (Subcontractor's) works with Quality Plans, procedure for conducting inspections, acceptance and delivery tests, final acceptance, as well as procedure for invitation of the inspectors of the Specialized Organizations, JSC NIKIMT-Atomstroy, JSC ASE and BAEC shall be determined.
12. The list of the regulatory documents used in the course of the works performance shall be given. This list can be supplemented by the Supplier (Subcontractor) upon the JSC NIKIMT-Atomstroy's request.
13. If the Supplier's (Subcontractor's) activities under this Contract or their part can not be described in compliance with these requirements for the following reasons:
 - it is required to submit the information on the activities that are not carried out by the Supplier (Subcontractor);
 - the requirements for any activity to be carried out by the Supplier (Subcontractor) have not been specified,these requirements can be subjected to the corresponding revision by the Supplier (Subcontractor), with the obligatory notification of JSC NIKIMT-Atomstroy about the content of changes. JSC NIKIMT-Atomstroy shall be entitled to give its comments on these changes, which shall be considered by the Supplier (Subcontractor). The Supplier (Subcontractor) shall take the required measures in due time, upon the receipt of the corresponding permits (expert reports) for the documentation to be handed over to BAEC for review and/or approval.

Addendum No. 2

“Requirements for the content of the Quality Plan”

АЭС РУППУР / ROOPPUR NPP		Наименование изготовителя /Name of the Manufacturer /1/			Лист Sheet	из of /2/	
		Письмо Заключение АО «ВО «Безопасность» № от Letter of Conclusion from JSC “VO “Safety” No. dt.					
ПЛАН КАЧЕСТВА / QUALITY PLAN		Reg. No. /3/ Reg. No.		Рев. Rev. /4/	Код по KKS/KKS code	/11/	
Номер позиции по спецификации к Контракту с БАЭК Item No under BAEC Contract specification		№ чертежа изделия Item drawing No.	№ изделия Item No.	Категория обеспече- ния каче- ства Quality as- surance cat- egory	Класс безопасно- сти Safety Class	Контракт между АО АСЭ и БАЭК №/No of Contract between JSC ASE and BAEC	
						Агентский договор между АО АСЭ и Поставщиком/ Agency agreement between JSC ASE and the Supplier	
Номер позиции по спецификации института (Атомэнергопроект)/Item No. according to the specification of the Institute (Atomenergoproekt)		/7/	/8/	/9/	/10/	Договор между Поставщиком и ЗИ/ Agreement between <i>the Sup- plier</i> and MFR	
Наименование изделия/ <i>Item name</i>		/6/					
Наименование оборудования по договору Contract Equipment Name		/12/					/13/

WP – точка освидетельствования / *witness point*;WP (R) – точка освидетельствования по документам / *witness
point according to the documents*;HP – точка остановки / *hold point*
Таблица /Table

№ п/п/ SRL №	Наименование технологиче- ской или кон- трольной опера- ции <i>Inspection-or- Production Opera- tion Title</i>	Наименование деталей (узлов) <i>Name of parts (assembly units)</i>	Требования <i>Requirements</i>	Документы регистраци и результатов <i>Documents for recording results</i>	Статус инспекций, испытаний и свидетельство соответствия <i>Status of inspections, tests and Certificate of Conformity</i>										
					Изготовитель <i>MFR</i>		Поставщик/ <i>the Supplier</i>		АО «НИКИМТ- Атомстрой» /CO/АО АСЭ/ JSC NIKIMT- Atomstroy/ SO/JSC ASE/		БАЕРА/АО «ВО «Безопасность» (BAERA/JSC “VO “Safety”		БАЭК/BAEC		Примечание <i>Note</i>
					Тип точки <i>Point Type</i>	Подпис ь <i>Signa- ture</i>	Тип точки <i>Point Type</i>	Подпис ь <i>Signa- ture</i>	Тип точки <i>Point Type</i>	Подпис ь <i>Signa- ture</i>	Тип точки <i>Point Type</i>	Подпис ь <i>Signa- ture</i>	Тип точки <i>Point Type</i>	Подпис ь <i>Signa- ture</i>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

	Quality Plan <i>Quality Plan</i>	Per. No. <i>Reg. No.</i>	Ред. <i>Rev.</i>	Лист <i>Sheet</i>	из <i>of</i>
Наименование изготовителя /Name of the Manufacturer					

Лист разработки, согласования и утверждения планируемой инспекционной деятельности по Плану качества
Development, agreement and approval record sheet for the planned inspection activities according to the Quality Plan

	Разработал 1 (ЗИ) <i>Developed by</i> <i>1</i> <i>(MFR)</i>	Утвердил ² (ЗИ) <i>Approved by</i> ² <i>(MFR)</i>	Согласовал ³ Supplier <i>Agreed by the</i> <i>Supplier</i>	Согласовал ⁴ СО АО АСЭ <i>Agreed by</i> ⁴ <i>SO JSC ASE</i>	Утвердил ⁴ АО «НИКИМТ-Атомстрой» <i>Approved by</i> ⁴ JSC NIKIMT-Atomstroy	Утвердил ⁴ ASE JSC <i>Approved by</i> ⁴ JSC ASE	Согласовал ⁵ BAERA/ АО «ВО «Безопасность» <i>Agreed by BAERA/</i> <i>JSC "VO "Safety"</i>	Утвердил ⁶ (БАЭК) <i>Approved by</i> ⁵ <i>(BAEC)</i>
Position <i>Position</i>								
Фамилия <i>Surname</i>								
Signature <i>Signature</i>								
Дата <i>Date</i>								

Примечание: 1 Разработчик Плана качества на ЗИ / *Quality Plan developer in the manufacturer (MFR);*

Note: 2 Должностное лицо ЗИ, уровень заместителя руководителя предприятия / *Official person of the manufacturer (MFR), the level of deputy Chief Executive Officer;*

3 Должностное лицо Поставщика / *Official person of the Supplier;*

4 Должностное лицо СО/ АО «НИКИМТ-Атомстрой» /АО АСЭ /*Official person of SO/ JSC NIKIMT-Atomstroy /JSC ASE;*

5 Должностное лицо BAERA/АО «ВО «Безопасность»/ *Official person of BAERA/JSC "VO "Safety";*

6 Уполномоченный представитель БАЭК/*Authorized representative of BAEC.*

	План качества <i>Quality Plan</i>	Reg. No. <i>Reg. No.</i>	Ред. <i>Rev.</i>	Лист <i>Sheet</i>	из <i>of</i>
Наименование изготовителя /Name of the Manufacturer					

Идентификация отметок о выполнении контрольных и технологических операций
Marks identification on completion of control and process operations

	(ЗИ) <i>MFR</i>	Поставщик/ Supplier	СО/АО «НИКИМТ-Атомстрой»/АО АСЭ <i>SO/ JSC NIKIMT-Atomstroy /JSC ASE</i>	БАЕРА/АО «ВО «Безопасность»/ <i>BAERA/JSC "VO "Safety"</i>	БАЭК/БАЕС
Position <i>Position</i>					
Фамилия <i>Surname</i>					
Подпись <i>Signature</i>					
Position <i>Position</i>					
Фамилия <i>Surname</i>					
Подпись <i>Signature</i>					
Position <i>Position</i>					
Фамилия <i>Surname</i>					
Подпись <i>Signature</i>					

	Quality Plan <i>Quality Plan</i>	Reg. No. <i>Reg. No.</i>	Ред. <i>Rev.</i>	Лист <i>Sheet</i>	из <i>of</i>
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Лист согласования и утверждения результатов инспекций
Sheet for agreement and approval of inspection results

	Утвердил ¹ (ЗИ) <i>Approved by ¹</i> <i>(MFR)</i>	Утвердил ² Поставщик <i>Approved by ²</i> <i>Supplier</i>	Согласовал ³ СО АО АСЭ <i>Agreed by ³</i> <i>SO JSC ASE</i>	Утвердил ³ АО «НИКИМТ-Атомстрой» <i>Approved by ³</i> <i>JSC NIKIMT-Atomstroy</i>	Утвердил ³ ASE JSC <i>Approved by ³</i> <i>JSC ASE</i>	Согласовал ⁴ БАЕРА/ АО «ВО «Безопасность» <i>(Agreed by ⁴ BAE-RA/</i> <i>JSC “VO “Safety”</i>	Утвердил ⁵ (БАЭК) <i>Approved by ⁵</i> <i>(BAEC)</i>
Position <i>Position</i>							
Фамилия и инициалы <i>Surname and initials</i>							
Подпись <i>Signature</i>							
Дата <i>Date</i>							

- Примечание:**
Note:
- 1** Должностное лицо ЗИ, уровень заместителя руководителя предприятия / *Official person of Manufacturer (MFR), the level of deputy Chief Executive Officer;*
 - 2** Должностное лицо Поставщика / *Official person of the Supplier;*
 - 3** Должностное лицо СО/ АО «НИКИМТ-Атомстрой»/АО АСЭ /*Official person of SO/JSC NIKIMT-Atomstroy /JSC ASE;*
 - 4** Должностное лицо БАЕРА/АО «ВО «Безопасность»/ *Official person of BAERA/JSC “VO “Safety”;*
 - 5** Уполномоченный представитель БАЭК/*Authorized representative of BAEC.*

Наименование изготовителя /Name of the Manufacturer	Quality Plan Quality Plan	Per. No. Reg. No.	Ред. Rev.	Лист Sheet	из of
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ТАБЛИЦА СООТВЕТСТВИЯ №
TABLE OF CONFORMITY No.

Номер позиции по Кон-тракту с БА-ЭК <i>Item No. As per Contract with BAEC</i>	Номер позиции по спецификации института <i>Item No. as per the Specification of the Institute</i>	Код KKS <i>Code as per KKS</i>	Чертеж <i>Drawing</i>	№ изделия <i>Item No.</i>	Наименование оборудования (характеристика) <i>Name of the equipment (characteristic)</i>	Класс безопасности <i>Safety Class</i>	Категория качества <i>Safety assurance category</i>	Количество <i>Quantity</i>
1	2	3	4	5	6	7	8	9

Ответственный представитель Поставщика (ЗИ)/
The responsible representative of the Supplier (Manufacturer)

Position

Full name

Signature

Представитель СО/ АО «НИКИМТ-Атомстрой»/АО АСЭ
Representative of SO/ JSC NIKIMT-Atomstroy/ JSC ASE

Position

Full name

Signature

Представитель ВАЕРА/АО «ВО «Безопасность»
Representative of BAERA/JSC "VO "Safety"

Position

Full name

Signature

Rules and comments on Quality plans execution

1. Fields of the Quality Plan (QP) shall contain the following information:
 - In field 1 of the Title page: Full name of the Manufacturing plant.
 - In field 2 of the Title page: sheet number and total number of QP sheets.
 - In field 3 of the Title page: identification number of the document in the following format:
 - In Russian: – РПР-ПК- (---) - (order number)- (year), where (---) – the manufacturer’s code (e.g., ЗИО – «ЗИО – Подольск»).
 - In English – RPR-QP- (---) - (order number) - (year), where (---) – the manufacturer’s code (e.g.: ZIO – ZiO – Podolsk).
 - In field 4 of the Title page: QP revision number.
 - In field 5 of the Title page: equipment code as per the KKS classification.
 - In field 6 of the Title page: name of the item for which the QP is executed according to the drawing.
 - In field 7 of the Title page: detailed drawing number(s).
 - In field 8 of the Title page: the item number assigned by the manufacturer.
 - In field 9 of the Title page: item quality category.
 - In field 10 of the Title page: safety class as per PNAE G - 1-011-89.
 - In field 11 of the Title page: number of the General Contract between JSC ASE and BAEC.
 - In field 12 of the Title page: equipment name according to the agreement (contract) between JSC NIKIMT-Atomstroy and the Supplier
 - In field 13 of the Title page: Agreement (contract) number between JSC ASE and JSC NIKIMT-Atomstroy, JSC NIKIMT-Atomstroy and the Supplier.
 - In column 1 of the Table: the order number.
 - In column 2 of the Table: Name of the control or process operation, as per the aggregated stages of flow and operational description of the process procedure, shall be recorded.
 - In column 3 of the Table: names of the parts that are processed during the operation mentioned in column 2, shall be specified (if required).
 - In column 4 of the Table: requirements shall be specified, or the exact reference to the document containing the requirements that shall be met during performance of the operation specified in column 2, shall be given.
 - In column 5 of the Table: the names of the documents, where the records that confirm fulfillment of the operation are made and/or include the results of the performed operation (control log books, protocols, acts, etc.), shall be given.
 - In columns 6, 8, 10, 12, 14 of the Table: the statuses of control points for the Manufacturer, Supplier, SO/JSC NIKIMT-Atomstroy/JSC ASE, BAERA/JSC VO «Safety» and BAEC correspondingly, shall be specified.
 - In columns 7, 9, 11, 13, 15 of the Table: the corresponding authorized person (of the Manufacturer, Supplier, SO/JSC NIKIMT-Atomstroy/JSC ASE, BAERA/JSC “VO “Safety” or BAEC) shall authenticate by his (her) signature the execution of the control or process operation during the inspection and fix the date of the operation completion.
 - In column 16 of the Table: references to the number of the Non-conformance Report (if it is filled in) or other comments and notes arising in the process of the equipment acceptance, including the numbers of acts, protocols, etc., shall be specified.

2. The Quality Plan shall be executed for each item, for which the Passport is prepared, in accordance with the agreement (contract) requirements for the package of the documents to be sent with the equipment. When a batch of items is manufactured and controlled using the same process procedures, the Quality Plan can be developed, agreed and approved in one copy (Standard Quality Plan), then duplicated as per the number of items, identified by each manufacturing number and kept with strict reference to each item using the Compliance Table given in Supplement No. 2.
3. If the item passes different production cycles during the manufacturing process (for instance, metallurgical and mechanical assembly production), then it is recommended to develop individual Quality Plans for various stages of the item life cycle (e.g.: production of billets and manufacturing of items).
4. Prior to commencement of the item manufacturing, the inspector (inspectors) for quality shall be assigned by the Enterprise Order, who shall be authorized to make records in the Quality Plan and certify the execution of the Supplier's (manufacturer's) control points with his (her) signature.
5. The list of process and control operations shall be detailed. In this case the following recommendations shall be followed:
 - 5.1. combine the process operation and step-by-step inspection in one line;
 - 5.2. sequence of control/process operations in the Quality Plan shall strictly comply with the sequence of the process cycle operations for the item manufacturing.
 - 5.3. The assembly operation for welding and welding operation shall be recorded in separate lines.
 - 5.4. As the incoming inspection is carried out based on different instructions, it is required to record the incoming inspection operations separately for:
 - base materials, semi-finished products and purchased items;
 - welding materials;
 - materials for flaw detection.

It is required to adopt similar approach to the following operations:

- storage, preparation and release for production;
- inspection of the equipment, instrumentation and devices;
- checking of the personnel certification (Technical and Engineering Employees, welders, heat treatment operators (termists) and non-destructive testing inspectors).

It is allowed to combine weld seam control operations (of the ready-made products) in one line, specifying all the control operations in column "Requirements" and references to the regulatory documents.

Addendum No 3 "Form of Non-conformance Report"

Contract No. (No. of contract with JSC NIKIMT-Atomstroy)		Elaborated: (Company)		Report No.	
Item: Safety Class: 1□; 2□; 3□; 4□		Name of Item or a part thereof:			
Item Manufacturer's No.		Identification No. of the item or its part, or component		Date: (report registration date)	
				page pages /No/ /Total/	
Non-conformance description the non-conformance description and/or a sketch shall be presented. It is possible to refer to Appendix to the Report.		Decision on Non-Conformance Accept as is <input type="checkbox"/> Re-work <input type="checkbox"/> Repair <input type="checkbox"/> Reject <input type="checkbox"/>		Instructions: actual instruction on repair, re-work or technical justification shall be submitted. It is possible to refer to Appendix to the Report.	
Signature: signature (and full name) of the Supplier's authorized inspector, who confirms the defect description and decision on the non-conformance		Quality Plan for Repair or Rework No <i>/if necessary/</i>		Signature: signature (and full name) of the Supplier's official authorized to confirm the instructions	
Non-conformance Class: 1□; 2□; 3□		Confirm the class:		signature (and full name) of the Supplier's authorized person	
				signature (and full name) of SO authorized person	
				signature (and full name) of BAERA/JSC "VO "Safety" authorized person	
Equipment designer's comments regarding the decision signature (and full name) filled in for class 2, 3 of non-conformances if the equipment has been designed by an external organization. It is possible to refer to the designer's document attached to the Report.					
Cause: Non-conformity cause shall be specified. It is possible to refer to the appendix to the Report. Signature: signature of the Supplier's authorized person (with the full name)		Corrective action: Planned corrective actions aimed at elimination of the non-conformance cause shall be specified. It is possible to refer to the appendix to the report. Signature: signature (and full name) of the Supplier's authorized person			
Decision agreed upon:				signature (and full name) of the Supplier's authorized person	
				signature (and full name) of SO authorized person	
				signature (and full name) of BAERA/JSC "VO "Safety" authorized person	
Decision approved:		signature (and full name) of the Supplier's official – for class 1 non-conformance, or signature (and full name) of JSC NIKIMT-Atomstroy / ASE JSC official for class 2,3 non-conformances. Reference to the approval document attached to the report is possible.			
Decision agreed upon:		signature of the BAEC authorized representative – for class 3 of non-conformances). Reference to the approval document attached to the report is possible.			
Final decision on non-conformity: Accept as is <input type="checkbox"/> , rework <input type="checkbox"/> , repair <input type="checkbox"/> reject <input type="checkbox"/>					
Reinspection:* after rework or repair		Accepted: <input type="checkbox"/>		Signature: signature (and full name) of the Supplier's authorized person	
		Rejected: <input type="checkbox"/>		Signature: signature (and full name) of the BAERA/JSC VO "Bezopasnost" authorized person	
				Signature: signature (and full name) of SO authorized person	
No. of a new Report: specified if the item is rejected after the reinspection		Result of the reinspection and non-conformance elimination verification: Signature: Signature (and full name) of SO authorized person Signature: Signature (and full name) of the BAERA/JSC VO "Bezopasnost" authorized person Signature: signature of the BAEC authorized representative – for class 3 of non-conformances			

Remark: If the item is accepted as it is, the reinspection shall not be conducted, and columns below "Reinspection" line are not filled in.

* The non-conformance report shall be enclosed with extracts from relevant records about non-conformance elimination and corrective actions planning.

Addendum No. 4 “Requirements for the content of the Quality Analysis Report”

Section 1: /Title page/

Rooppur NPP		Contract No. with JSC NIKIMT-Atomstroy			
Name of the organization					
Quality Analysis Report					
Reporting period:		from _____ to _____			
Revision	Date	Status	Drafted by	Reviewed by	Approved by
Report internal number:					

Section 2:

Information on works performance

1. Information on the development and introduction of changes to the QAP Descriptions and Project management procedures;
2. Information on selected Subcontractors, including the contract number, scope of the works to be performed, specified quality management requirements, copies of valid certificates, licenses (permits);
3. Planning and results of training of the Supplier’s/Subcontractor’s personnel;
4. List of scheduled quality assurance audits for the next quarter;
5. Statement on the conducted Sub-suppliers’ quality assurance audits, including the following information:
 - List of the Sub-suppliers, where the audit has been conducted
 - Description of the revealed Non-conformances
 - Corrective measures taken to eliminate Non-conformances and their reasons.
6. Information on the scheduled and conducted tests of the Products (acceptance, qualification, standard, hand-over and acceptance tests);
7. Results of analysis by the management, including Non-conformances and requirements related to the corrective actions (to be included once a year).

Section 3:

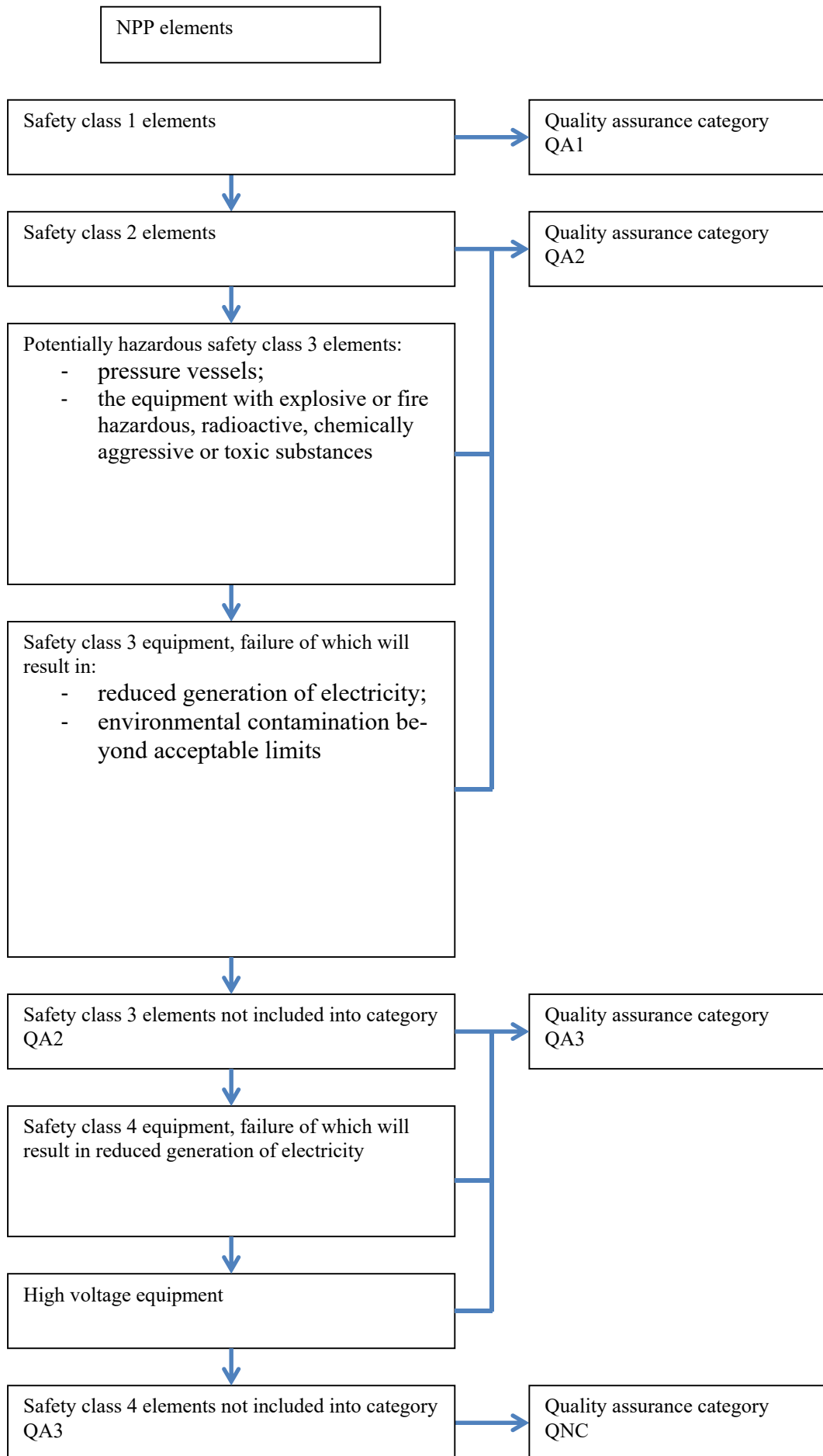
Analysis of Non-conformances:

1. List of Non-conformances revealed based on the results of the internal audits of the subdivisions taking part in the QAP implementation.
2. Information on the progress of implementation of the Corrective actions Plan upon the results of external and internal audits.
3. Description of recurrent Non-conformances.
4. Reasons of recurrent Non-conformances.
5. Corrective measures on elimination of recurrent Non-conformances and their reasons.
6. Results of analysis of the information on Non-conformances, including the decisions made based on the audit results.

Addendum No. 5 “Quality classification for Rooppur NPP”

1. The quality assurance category is assigned to each item, component or system, according to safety class as per OPB-88/97 (PNAE G-01-011-97). In this case, safety class is the required characteristic for defining quality assurance categories.
2. The quality assurance category shall be specified by the General Designer at the stage of the Contract for development of the Basic Design and can be revised upon agreement with JSC ASE and BAEC at the stage of the design engineering and manufacturing of the Products. It is mandatory to specify the quality assurance category in the specifications for the Products.
3. If components (items) of different quality assurance categories are available in any system (component) simultaneously, it shall be referred to a higher category.
4. The products, at the boundaries of division of quality assurance categories, shall be referred to a higher category.
5. Quality assurance category is assigned to each item for defining the scope of quality assurance requirements and the contents of the quality assurance document package during manufacturing of the Products, their delivery, installation and commissioning. The contents of the package can be updated at further stages of the NPP construction. It is mandatory to specify the quality assurance category in the Supplier's documentation.

Principles for defining the quality assurance categories are given in the chart



Addendum No. 6**“List of mandatory requirements for the products startup
for Rooppur NPP”**

1. Availability of licenses of the Federal Service for Environmental, Technological and Nuclear Supervision for the corresponding type of activity, in accordance with Federal Law of the RF “On Nuclear Power Use” No. 170-FZ dt. 21.11.1995 with amendments dt. 02.07.2013.
For products manufactured outside the Russian Federation - availability of national permitting documents.
2. Availability of the Quality Assurance Program developed, agreed and approved by JSC ASE/JSC NIKIMT-Atomstroy.
3. Availability of detailed design documentation, technical assignments, specifications and other necessary documents, developed, agreed and approved according to established procedure.
4. Availability of the Programs and procedures for the equipment testing that are developed, agreed and approved according to the established procedure, depending on the assigned symbol (test prototype, pilot item, pilot series, serial products in compliance with GOST 15.201-2000 and GOST 15.309-98).
5. Availability of the documented system of accounting, storage, introduction of corrections to the factory and process documentation, and release of the documents for production.
6. Availability of the documentation at the enterprise (standards of the enterprise, instructions, list of the products subject to incoming inspection) that defines the requirements for quality control of purchased materials, semi-fabricated products and component parts.
7. Availability of the process documentation developed, agreed and approved according to the established procedure, including the technological certificate for documenting the results of manufacturing and control of items at all the manufacturing stages.
8. Availability of the approved forms of reporting documents (acts, test and control reports, passports/certificates of manufacturing/certificate).
9. Availability of agreed and approved Quality Plans.
10. Availability of duly executed and valid certificates confirming qualification of: welders performing welding and cladding; test experts; inspectors of the technical control departments (quality control department), technical and engineering employees, and the officials involved in the equipment manufacturing.
11. The process procedures have been developed and agreed, including the special ones that lead to changes in the properties and structure of the equipment elements (welding, cladding, heat cutting, heat treatment) and form alteration of the parts and billets under pressure (stamping, rolling, stretching, pressing, setting, forging, etc. to be performed both with heating, and without heating).
12. Welding (cladding) technologies certification was performed, and appropriate permits for their application have been obtained.
13. Availability of the process equipment and metrological support of production, in particular:

- availability of schedules, reports confirming the execution of the scheduled preventive maintenance and verification for process accuracy of the process equipment;
- arrangement of accounting of measuring and verification devices, test equipment;
- availability of certified procedures for measurements, testing and control;
- availability of certificates of verification, certificates of calibration and/or calibration stamps for measurement and verification devices, test equipment certificates;
- arrangement and carrying out of a metrological examination of the design and process documentation.

Addendum No. 7.1 "Form of the Reminder of Inspection"

Attachment to Letter No. _____ dt. _____

Enterprise / Предприятие _____

Notification of Inspection No./ Уведомление об инспекции № _____ dt. / от _____

To Representative of SO/ JSC ASE/ JSC NIKIMY-Atomstroy, BAERA/JSC "VO "Safety" and BAEC /Представителю СО/ АО АСЭ/АО «НИКИМТ-Атомстрой», БАЕ-РА/АО «ВО «Безопасность» и БАЭК

You are notified that we will perform the following works:

Извещаем Вас, что нами будут проводиться следующие работы:

Inspection control No. / № инспекционной проверки	Inspection date/ Дата инспекции	Supplier (Manufacturer- er) / Поставщик (Изготовитель)	Location/ Место нахождения	Type of inspection/ Тип инспекции	General Contract with BAEC/ № позиции по Генеральному Контракту (дополнению) с БАЭК	Contract (Supplement) with BAEC/ № контракта (дополнения) с БАЭК	Description of Item as per General Contract (Supplement) with BAEC/ Наименование оборудования по Генеральному Контракту (дополнению) с БАЭК	Quantity Submitted/ Количество предъявленное	KKS code/ Код KKS	Quality category/ Категория качества	Agreement with the Supplier No. / № договора с Поставщиком	Quality Plan No. / № Плана качества	Note/ Примечание
1	2	3	4	5	6	7	8	9	10	11	12	13	15

The specified products are accepted by the Quality Control Department, and are in compliance with the requirements of the TS, General Contract with BAEC and Agreement with the Supplier (the Manufacturer)/

Указанная продукция принята Отделом технического контроля, соответствует требованиям ТУ, Генерального Контракта с БАЭК и Договора с Поставщиком (Изготовителем)

The Supplier's (Manufacturer's) authorized representative/

Ответственный представитель Поставщика (Изготовителя)

Position

Full name

Signature

**Representative of SO/ JSC ASE/ JSC NIKIMT-Atomstroy or
BAERA/JSC "VO "Safety" or BAEC**

Представитель СО/АО АСЭ/АО «НИКИМТ-Атомстрой» или БАЕРА/АО

«ВО «Безопасность» или БАЭК

Position

Full name

Signature

Attachment to Letter No. _____ dt. _____

Enterprise / Предприятие _____**Inspection Notification No. / Уведомление об инспекции №** _____ **dated / от** _____**To Representative of SO/ JSC ASE/ JSC NIKIMT-Atomstroy, BAERA/JSC "VO "Safety" and BAEC /Представителю СО/ АО АСЭ/АО «НИКИМТ-Атомстрой», ВАЕ-РА/АО «ВО «Безопасность» и БАЭК****You are notified that we will perform the following works:**

Извещаем Вас, что нами будут проводиться следующие работы:

Inspection control No. / № инспекционной проверки	Inspection date / Дата инспекции	Supplier (Manufacturer) / Поставщик (Изготовитель)	Location / Место нахождения	Type of inspection / Тип инспекции	General Contract with BAEC / № позиции по Генеральному Контракту (дополнению) с _____	Contract (Supplement) with BAEC / № контракта (дополнения) с БАЭК	Description of Item as per General Contract (Supplement) with BAEC / Наименование оборудования по Генеральному Контракту (дополнению) с БАЭК	Quantity Submitted / Количество предъявленное	KKS code / Код KKS	Quality category / Категория качества	Agreement with Supplier / № договора с Поставщиком	Quality Plan No. / № Плана качества	Note / Примечание
1	2	3	4	5	6	7	8	9	10	11	12	13	15
See Attachment (on ____ pages) / См. Приложение (на ____ листах)													

The specified products are accepted by the Quality Control Department, and are in compliance with the requirements of the TS, General Contract with BAEC and Agreement with the Supplier (the Manufacturer) /

Указанная продукция принята Отделом технического контроля, соответствует требованиям ТУ, Генерального Контракта с БАЭК и Договора с Поставщиком (Изготовителем)

The Supplier's (Manufacturer's) responsible representative /

Ответственный представитель Поставщика (Изготовителя)

Position_____
Full name_____
Signature**Representative of SO/ JSC ASE/ JSC NIKIMT-Atomstroy or BAERA/JSC "VO "Safety" or BAEC**

Представитель СО/АО АСЭ/АО «НИКИМТ-Атомстрой» или ВАЕРА/АО «ВО «Безопасность» или БАЭК

Position_____
Full name_____
Signature

Header

	Приложение к уведомлению об инспекции <i>Attachment to Inspection Notification</i>	№ /No. _____ от / dt. _____
Наименование изготовителя /Name of the Manufacturer		

Inspection control No. / № инспекционной проверки	Inspection date/ Дата инспекции	Supplier (Manufacturer) / Поставщик (Изготовитель)	Location/ Место нахождения	Type of inspection/ Тип инспекции	General Contract with BAEC/ № позиции по Генеральному Контракту (дополнению) с BAEC	Contract (Supplement) with BAEC/ № контракта (дополнения) с БАЭК	Description of Item as per General Contract (Supplement) with BAEC/ Наименование оборудования по Генеральному Контракту (дополнению) с БАЭК	Quantity Submitted/ Количество предъявленное	KKS code/ Код KKS	Quality category/ Категория качества	Agreement with Supplier No. / № договора с Поставщиком	Quality Plan No. / № Плана качества	Note/ Примечание
1	2	3	4	5	6	7	8	9	10	11	12	13	15

Notes:

- 1) In column 1 the control point number is specified.
- 2) In column 5 the name of the control point and its status are specified.

Page footer:

Signature of the Supplier (Manufacturing plant) _____	Page _____ of _____	Signature of SO/JSC ASE/ JSC NIKIMT-Atomstroy, BAE-RA/JSC VO «Safety» Inspector
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Form of Conclusion of Inspection to the Notification of Inspection (the back side of the Notification of Inspection)

CONCLUSION ON INSPECTION/ЗАКЛЮЧЕНИЕ ОБ ИНСПЕКЦИИ № _____ TO THE INSPECTION NOTIFICATION No. /К УВЕДОМЛЕНИЮ ОБ ИНСПЕКЦИИ № _____	Enterprise/ Предприятие: _____
--	---

As a result of the inspection (quality surveillance / acceptance inspection) it has been found that as per inspection control Nos./

В результате проведения инспекции (надзора за качеством / приемочной инспекции) установлено, что по инспекционным проверкам №№ _____ :

control / process operation (for the products with QA1, QA2, QA3 quality categories) контрольная/технологическая операция (для продукции категорий качества QA1, QA2, QA3);

completeness of the products, technical and shipment documentation, quality of preservation, package and marking of products and containers / комплектность продукции, технической и товаросопроводительной документации, качество консервации, упаковки и маркировки продукции и тары:

meet / удовлетворяет fail to meet / не удовлетворяет the requirements of the regulatory and process documents, and the requirements of / требованиям нормативной и технологической документации, а также требованиям:

General Contract with BAEC No./ № Генерального
Контракта с БАЭК **No.** _____ **Dt. / от** « ___ » _____ **20**__

Supplements/Дополнения **No.** _____ **Dt. / от** « ___ » _____ **20**__
of Agreement (Contract) No. / Договора (Контракта) **No.** _____ **Dt. / от** « ___ » _____ **20**__

Supplements/Дополнения **No.** _____ **Dt. / от** « ___ » _____ **20**__

Representative of/Представитель	Signature/Подпись	Surname/Фамилия	Position/Должность	Date/Дата
SO/JSC ASE/ JSC NIKIMT-Atomstroy CO/АО АСЭ/АО «НИКИМТ-Атомстрой»				
BAERA/JSC "VO "Safety"/АО «ВО «Безопасность»				
BAEC / БАЭК				

Description of non-conformities detected or the decision taken by the above representatives on management of products in case they fail to meet the requirements of the Agreement (Contract)/ описание обнаруженных несоответствий или решение вышеуказанных представителей по управлению продукцией в случае не удовлетворения требованиям Договора (Контракта)

Non-conformance Report shall be submitted by/ отчет о несоответствии представить к « ___ » _____ 200__

(подпись/signature) _____ (фамилия/name) _____ (дата/date)

(подпись/signature) _____ (фамилия/surname) _____ (дата/date)

По результатам выполнения инспекции оформлено(ны)/ Executed upon the results of the inspection:
Удостоверение(ия) о приемочной инспекции №/Acceptance Inspection Certificate(s) No.

Заключение об инспекции получено / Conclusion of Inspection is received by:
 Ответственный представитель Поставщика (Изготовителя)/The Supplier's (Manufacturer's) responsible representative

_____ (подпись/signature) _____ (фамилия/name) _____ (должность/position) _____ (дата/date)

Addendum No. 7.2 "Form of the Reminder of Inspection"

ПОВТОРНО/ REPEATEDLY

Attachment to Letter No. _____ dt. _____

Enterprise / Предприятие _____

Notification of Inspection No./ Уведомление об инспекции № _____ dt. / от _____

To Representative of SO/ JSC ASE/ JSC NIKIMT-Atomstroy, BAERA/JSC "VO "Safety" and BAEC /Представителю СО/АО АСЭ/ АО «НИКИМТ-Атомстрой», БАЕ-РА/АО «ВО «Безопасность» и БАЭК

You are notified that we shall perform the following works:
 Извещаем Вас, что нами будут проводиться следующие работы:

Inspection control No. № инспекционной проверки	Inspection date/ Дата инспекции	Supplier (Manufacturer-er) / Поставщик (Изготовитель)	Location/ Место нахождения	Type of inspection/ Тип инспекции	Item No acc. to the General Contract № позиции по Генеральному Контракту (дополнению) с БАЕС	Contract (Supplement) with BAEC/ № контракта (дополнения) с БАЭК	Description of Item as per General Contract (Supplement) with BAEC/ Наименование оборудования по Генеральному Контракту (дополнению) с БАЭК	Quantity Submitted/ Количество предъявленное	KKS code/ Код KKS	Quality category/ Категория качества	Agreement with Supplier No./ № договора с Поставщиком	Quality Plan No./ № Плана качества	Note/ Примечание
1	2	3	4	5	6	7	8	9	10	11	12	13	15

The specified products are accepted by the Quality Control Department, and are in compliance with the requirements of the TS, General Contract with BAEC and Agreement with the Supplier (the Manufacturer)/

Указанная продукция принята Отделом технического контроля, соответствует требованиям ТУ, Генерального Контракта с БАЭК и Договора с Поставщиком (Изготовителем)

The Supplier's (Manufacturer's) authorized representative/
 Ответственный представитель Поставщика (Изготовителя)

_____ Position

_____ Full name

_____ Signature

Representative of SO/ JSC ASE/ JSC NIKIMT-Atomstroy or BAERA/JSC "VO "Safety" or BAEC

Представитель СО/АО АСЭ/АО «НИКИМТ-Атомстрой» или БАЕРА/АО «ВО «Безопасность» или БАЭК

Position

Full name

Signature

Form of Conclusion of Inspection to the Notification of the Reinspection (the back side of the Notification of Inspection)

ПОВТОРНО/ REPEATEDLY		CONCLUSION ON INSPECTION/ЗАКЛЮЧЕНИЕ ОБ ИНСПЕКЦИИ № _____		Enterprise/	
TO THE INSPECTION NOTIFICATION No. /К УВЕДОМЛЕНИЮ ОБ ИНСПЕКЦИИ № _____				Предприятие: _____	
As a result of the inspection (quality surveillance / acceptance inspection) it has been stated that as per inspection control Nos./ В результате проведения инспекции (надзора за качеством / приемочной инспекции) установлено, что по инспекционным проверкам №№ _____ :					
<input type="checkbox"/> control / process operation (for the products with QA1, QA2, QA3 quality categories) QA2, QA3 category) контрольная/технологическая операция (для продукции категорий качества QA1, QA2, QA3);					
<input type="checkbox"/> completeness of the products, technical and shipment documentation, quality of preservation, package and marking of products and containers / комплектность продукции, технической и товаросопроводительной документации, качество консервации, упаковки и маркировки продукции и тары:					
<input type="checkbox"/> meet / удовлетворяет		<input type="checkbox"/> fail to meet / не удовлетворяет		the requirements of the regulatory and process documents, and the requirements of / требованиям нормативной и технологической документации, а также требованиям:	
General Contract No. with BAEC / № Генерального Контракта с БАЭК		No. _____		Dt. / от « ___ » _____ 20 __	
Supplements/Дополнения of Agreement (Contract) No. / Договора (Контракта)		No. _____		Dt. / от « ___ » _____ 20 __	
Supplements/Дополнения		No. _____		Dt. / от « ___ » _____ 20 __	
Representative of/Представитель	Signature/Подпись	Surname/Фамилия	Position/Должность	Date/Дата	
SO/JSC ASE/ JSC NIKIMT- Atomstroy СО/АО АСЭ/АО «НИКИМТ- Атомстрой»					
BAERA/JSC "VO "Safety"/АО «ВО «Безопасность»					
BAEC / БАЭК					
Description of non-conformances detected or the decision taken by the above representatives on management of products in case they fail to meet the requirements of the Agreement (Contract)/ описание обнаруженных несоответствий или решение вышеуказанных представителей по управлению продукцией в случае не удовлетворения требованиям Договора (Контракта) _____					
Non-conformance Report shall be submitted by/ отчет о несоответствии представить к « ___ » _____ 200__					

_____ <small>(подпись/signature)</small>	_____ <small>(фамилия/surname)</small>	_____ <small>(дата/date)</small>	_____ <small>(подпись/signature)</small>	_____ <small>(фамилия/surname)</small>	_____ <small>(дата/date)</small>
По результатам выполнения инспекции оформлено(ны)/ Executed upon the results of the inspection: Удостоверение(ия) о приемочной инспекции №/Acceptance Inspection Certificate(s) No.			_____ _____		
Заключение об инспекции получено / Conclusion of Inspection is received by: Ответственный представитель Поставщика (Изготовителя)/The Supplier's (Manufacturer's) responsible representative			_____ <small>(подпись/signature)</small>		
			_____ <small>(фамилия/name)</small>		
			_____ <small>(должность/position)</small>		
			_____ <small>(дата/date)</small>		

Addendum No. 8

“Form of Inspection Notification”

Certificate of acceptance inspection/ Удостоверение о приёмочной инспекции №/No. _____ от/dt. «__» _____ 20__						
Name of the Supplier/ manufacturer (the Sub-supplier) / Наименование Поставщика / изготовителя (Субпоставщика)						
JSC “Atomstroyexport” Specialized Organization (ASE JSC SO) / Специализированная организация АО «Атомстройэкспорт»						
This is to certify that regarding the following products with quality QNC categories: / Настоящим удостоверяется, что в отношении следующего оборудования категорий качества QNC:						
Contract item No / Item number under the Contract	Qty ordered / Заказанное кол-во	Q-ty previously shipped / Кол-во, ранее отгруженное	Brief description of item KKS Code/ Краткое описание позиции ККС код	Q-ty submitted / Кол-во предъявленное	Q-ty accepted / Кол-во принятое	Q-ty rejected / Кол-во не принятое

As a result of the acceptance inspection it is found that: /
Проведена приемочная инспекция, в ходе которой установлено, что:

Quality Plan No. _____ has been executed and approved in compliance with the established procedure and has records of the authorized representatives verifying passing of the scheduled control and process operations in full scope (for the equipment with QA1, QA2, QA3 quality categories/ для оборудования категорий качества QA1, QA2, QA3);

✓ **completeness of the technical documentation / комплектность технической документации;**

✓ **preservation, package, marking of the equipment and containers/ консервация, упаковка, маркировка оборудования и тары;**

✓ **completeness of the equipment and shipment documentation / комплектность оборудования и сопроводительной документации,**

are in compliance with the requirements of: / соответствуют требованиям:

the Agreement (Contract) №/No. _____ Dt. / от «__» _____ 20__
Договора (Контракта) _____

Supplements/Дополнения №/No. _____ Dt. / от «__» _____ 20__

for supply of the equipment for Rooppur NPP within the framework of:
на поставку оборудования для АЭС «Руппур» в рамках:

the General Contract with BAEC №/No. _____ Dt. / от «__» _____ 20__
Генерального Контракта с БАЭК _____

Supplements/Дополнения №/No. _____ Dt. / от «__» _____ 20__

General conclusion on the products: / Общее заключение по продукции:
The products have passed the acceptance inspection in full scope and shall be shipped to the consumer.
Оборудование прошло в полном объеме приемочную инспекцию и подлежит отправке потребителю.
The acceptance inspection does not relieve the Supplier from the responsibility for compliance of the equipment and documentation with the delivery documents.
Приемочная инспекция не освобождает Поставщика от ответственности за соответствие оборудования и документации поставочным документам.

In the course of carrying out of quality surveillance and acceptance inspection, the non-conformance reports / protocols have been executed: / В процессе выполнения надзора за качеством и приемочной инспекции оформлены отчеты о несоответствии / протоколы: _____
(numbers and dates of execution/номера и даты оформления)

Representative of/ Representative	Signature/ Signature	Surname/ Фамилия	Position/ Position	Date/ Дата
SO/JSC ASE/ JSC NIKIMT-Atomstroy CO/AO ACЭ/AO «НИКИМТ-Атомстрой»				

BAEC / БАЭК (for the QNC quality category Products / для Продукции категории качества QNC)				
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CERTIFICATE of acceptance inspection/
 Удостоверение о приёмочной инспекции

№/No. _____ от/dt. «__» _____ 20__

Name of Supplier / manufacturer (of the Subcontractor) / Наименование Поставщика / изготовителя (Субподрядчика)

JSC "Atomstroyexport" Specialized Organization / Специализированная организация АО «Атомстройэкспорт»

/ This is to certify that regarding the following products with QNC quality categories: / Настоящим удостоверяется, что в отношении следующей продукции категорий качества QNC:

Contract item No / Item number under the Contract	Q-ty ordered / Заказанное кол-во	Q-ty previously shipped / Кол-во, ранее отгруженное	Brief description of item KKS Code/ Краткое описание позиции ККС код	Q-ty submitted / Кол-во предъявленное	Q-ty accepted / Кол-во принятое	Q-ty rejected / Кол-во не принятое
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See Attachment (on _____ pages) / См. Приложение (на _____ листах)

As a result of the acceptance inspection it is found that: /

Проведена приемочная инспекция, в ходе которой установлено, что:

 Quality Plan No. _____ has been executed and approved in compliance with the established procedure and has records of the authorized representatives verifying passing of the scheduled control and process operations in full scope (for products with QA1, QA2, QA3 quality categories/ для оборудования категорий качества QA1, QA2, QA3);

 completeness of the technical documentation / комплектность технической документации;

 preservation, package, marking of the equipment and containers/ консервация, упаковка, маркировка оборудования и тары;

 completeness of the equipment and shipment documentation / комплектность оборудования и сопроводительной документации,

are in compliance with the requirements of: / соответствуют требованиям:

 the Agreement (Contract) №/No. _____ Dt. / от «__» _____ 20__
 Договора (Контракта) _____

 Supplements/Дополнения №/No. _____ Dt. / от «__» _____ 20__

for supply of the equipment for Rooppur NPP within the framework of:

на поставку оборудования для АЭС «Руппур» в рамках:

the General Contract with

 BAEC №/No. _____ Dt. / от «__» _____ 20__
 Генерального Контракта с _____

 BAEC №/No. _____ Dt. / от «__» _____ 20__
 Supplements/Дополнения _____

General conclusion on the products: / Общее заключение по продукции:
The products have passed the acceptance inspection in full scope and shall be shipped to the consumer.

Продукция прошла в полном объеме приемочную инспекцию и подлежит отправке потребителю.

In the course of carrying out of the quality surveillance and acceptance inspection, the non-conformance reports / protocols have been executed: / В процессе выполнения надзора за качеством и приемочной инспекции оформлены отчеты о несоответствии / протоколы:

 (numbers and dates of execution/номера и даты оформления)

Representative of/ Representative	Signature/ Signature	Surname/ Фамилия	Position/ Position	Date/ Дата
SO/JSC ASE/JSC NIKIMT-Atomstroy CO/АО АСЭ/ АО «НИКИМТ-Атомстрой»				
BAEC / БАЭК (for the QNC quality category Products / для Продукции категории				

качества QNC)				
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Header

Наименование изготовителя /Name of the Manufacturer	Форма Приложения к Удостоверению о приемочной инспекции / Form of Attachment to the Certificate of Acceptance Inspection <i>Attachment to the Certificate of Acceptance Inspection</i>	No. _____ от / dt. _____
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Contract item No / Item number under the Contract	Q-ty ordered / Заказанное кол-во	Q-ty previously shipped / Кол-во, ранее отгруженное	Brief description of item KKS Code/ Краткое описание позиции ККС код	Q-ty submitted / Кол-во предъявленное	Q-ty accepted / Кол-во принятое	Q-ty rejected / Кол-во не принятое

Page footer:

Signature of the Supplier (Manufacturing plant)	Page of	Подпись Инспектора/ Signature of the Inspector of SO/JSC ASE/ JSC НИКИМТ-Atomstroy СО/АО АСЭ/ АО «НИКИМТ-Атомстрой»
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Addendum No. 9 “Form of the List of non-conformances of the equipment for Rooppur NPP within the period of _____ 20__.”
(month)

Supplier's name				Number of the Agreement (Contract) between JSC ASE and JSC NIKIMT-Atomstroy, JSC NIKIMT-Atomstroy and the Supplier				
Name of the manufacturing plant				Number of the Agreement (Contract) between the Supplier and the manufacturing plant				
Total number _____ units of the Products have been in the manufacturing process in the reporting period under this Agreement (Contract) with the manufacturing plant								
Number of Non-conformances of class 1		Number of Non-conformances of class 2		Number of Non-conformances of class 3		Total number of Non-conformances		
No. No.	Number of the Non-conformance Report	Name of the non-conforming item	Quality assurance category	Type of Non-conformance*	Non-conformance class	Causes of Non-conformance *	Corrective actions*	Note

*- standard statements given below are recommended for use.

Type of non-conformances

1. Non-conformances of the materials, component parts, semi-finished products, purchased items
2. Non-conformances as per destructive test results

3. Non-conformances as per forging and/or stamping results
4. Non-conformances as per heat treatment results
5. Non-conformances as per mechanical treatment results
6. Non-conformances as per welding, cladding, soldering results
7. Non-conformances as per non-destructive test results
8. Non-conformances as per assembly results
9. Non-conformances as per handover and acceptance (factory) test results
10. Non-conformances of marking
11. Non-conformances of preservation
12. Non-conformances of painting
13. Non-conformances of packing
14. Non-conformances of completion

Causes of Non-conformances

1. Errors in the factory design documentation
2. Errors in the process documentation
3. Errors during procurement/completing operations
4. Non-conformance of the process equipment, auxiliaries, tools
5. Non-conformance of the verification, measuring, testing equipment (VMTE)
6. Non-conformance of the software (SW)
7. Failure to meet the requirements of the process documentation
8. Failure to meet the requirements of the factory design documentation
9. The Contractor's error

Corrective actions

1. Amendment of the design documentation
2. Amendment of the process documentation
3. Enhancement of the incoming inspection, improvement of interactions with suppliers, revision of procedures for procurement, completing operations
4. Repair, adjustment or purchase of new process equipment, repair, restoration (manufacturing, purchase) of new auxiliaries and tools
5. Validation, verification or installation of a new SW
6. Repair, calibration, adjustment or purchase of a new VMTE
7. Additional training (instruction), advance training
8. Administrative measures

M.P.

M.P.

Addendum No. 10 “Format of the Table for Quality Plans”

Name of the equipment under the Contract	Name of the item (components, parts, semi-finished products) for the equipment	The planned period for sending of the Quality Plan	Safety class	Quality assurance category	Number on the Quality Plan (if any)

Addendum No. 11

Procedure of interaction with JSC “VO “Safety” in assessment of the equipment compliance for Rooppur NPP in the acceptance form

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4	Criteria of assessment of compliance.....	63
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1 Input data (conditions) for implementation of works:

1.1 JSC “VO “Safety” arranges the work of its specialists on assessment of compliance after receiving a notification from JSC ASE EC (upon conclusion by it or by its suppliers of the contract for manufacturing certain products subject to assessment of compliance) with the following information:

- manufacturer's name;
- supplier’s name;
- numbers and dates of contracts for fabrication of products;
- product specification (including title and designation, KKS code, safety class, quality assurance category, quantity, technical requirements, delivery date) from the manufacturing contract;
- quality requirements (“Quality Management”) from the manufacturing contract.

1.2 Assessment of compliance under this task is the aggregate of the following interconnected activities:

- assessment of manufacturing plants;
- assessment of compliance of technical documentation for products;
- assessment of compliance in the course of products manufacturing.

2 Terms and Definitions

The following terms with corresponding definitions are described in this regulating document:

Term	Definition
Customer	Legal entity assigned for implementation of the Agreement (Contract) for management of construction and operation of foreign NPPs that utilizes services of other legal entities for these purposes.
Applicant	Organization that obtained or has an intention to obtain a Letter of Conclusion from JSC “VO “Safety” for implementation of works/rendering services connected with construction and operation of foreign NPPs.
Inspection	Activity including observations, tests, measurements, inspections conducted to assess and determine compliance of systems, facilities, equipment, products, works performed / services provided, documentation and qualifications of employees with established requirements for use of nuclear energy.
Unscheduled inspection	The inspection to be performed upon decision of the management of JSC “VO “Safety” in order to identify the violation of the established requirements while preparing the Letter of conclusion and in the course of performance of the declared activity by the Organization.
Component (component item)	Item of the supplier to be used as a component of the product.

Term	Definition
Corrective and preventive actions	Actions to eliminate the causes of identified non-conformances in order to prevent their re-occurrence or to eliminate the effects of the non-conformities on NPP safety.
Non-conformance	Failure to comply with the established requirement.
Organization	Organization, enterprise (legal entity) that obtained or has an intention to obtain a Letter of Conclusion from JSC “VO “Safety” for implementation of works/rendering services connected with construction and operation of foreign NPPs.
Letter of Conclusion	Documented conclusion issued on the basis of results of the documentation analysis and results of inspections of the Applicant and confirming that the Applicant has the resources, facilities and conditions for performance of works / rendering services connected with construction and operation of foreign NPPs in accordance with the established requirements.
Consumer	Customer/receiver of products/services.
Contractor	Legal entity that performs manufacture/supply of products and renders services to the Customer on the contractual basis.
The Subcontractor	Legal entity that performs manufacture/supply of products and renders services to the Contractor on the contractual basis.
Manufacturer/Supplier	Organization that manufactures/supplies products and renders services for the Customer on the contractual basis.
Products	Result of the activity, presented in tangible form and intended for further use and including the following categories: Services, software, hardware (systems, equipment, pipelines, I&C, back-up equipment/spare parts, components, etc.) and materials to be processed.
JSC “VO “Safety” Representative	Specialist that has necessary qualification, engaged in performance of works/rendering services on behalf of JSC VO “Safety”.
Software	Set of programs on data carriers and program documents intended for debugging, functioning and checking the operation capacity of the automated process control system.
Quality Assurance Program	Management tool elaborated for the purpose of ensuring that all the works / services have been appropriately planned, properly implemented and evaluated.
Developer	Company that elaborates the design and engineering and other documentation for foreign NPPs based on the contract with the Customer.
NPP construction	Activity determined by obligations on agreements and contracts (technical support upon construction) and including all stages of NPP life cycle (design, engineering, manufacturing, products supply, startup and adjustment works, installation, commissioning, maintenance).
JSC “VO “Safety” Authorized organization	Company that has contractual relations with JSC VO “Safety” for performance of works/rendering services on behalf of JSC VO “Safety”.
NPP operation	Activity aimed at achieving in a safe manner the objective, for which the NPP has been constructed, including on-power operation, startup, shutdowns, maintenance, repair, refueling and other associated activities.

3 Accepted abbreviations

The following abbreviations are applied herein:

PSAR	Preliminary Safety Analysis Report
FSAR	Final Safety Analysis Report
I&C	Automated process control system (instrumentation and controls)
GOST	State Standard
IAEA	International Atomic Energy Agency
IFI	Initial fuel inventory
NPP	Nuclear Power Plant
DD	Design documentation
RD	Regulating document
QMS	Quality Management System
FSUE	Federal State Unitary Enterprise
AD	JSC “VO “Safety” Assessment Department

4 Criteria of assessment of compliance

4.1 The conformity assessment is conducted by JSC “VO “Safety” in order to check compliance with Russian norms, rules and other standards in the field of use of nuclear energy, the requirements of the documents listed in the Appendix to the General Contract and in other contracts.

4.2 The assessment of technical documentation for products is made by JSC “VO “Safety” for compliance with initial technical requirements to the product and other regulatory documents included in the manufacturing contract.

4.3 Conformity assessment is performed by JSC “VO “Safety” in the course of product manufacture in order to check compliance with the following:

- initial technical requirements for products and other regulatory documents included in the product manufacturing contract;
- requirements of design and process documentation to products;
- quality requirements (including “Quality Management” appendices) to the product manufacturing contract.

5 Requirements to assessment of compliance:

5.1 Requirements to assessment of enterprises

5.1.1 In accordance with Appendix 1 “Procedure on issue of Letters of Conclusion to the companies performing the works/rendering services connected with construction and operation of foreign NPPs”, JSC “VO “Safety” performs the works related to assessment of the enterprise capacity to perform the declared works/render the declared services. The deadline of issue of the Letter of Conclusion is 15 working days from the date of application.

5.1.2 Receipt of the Letter of conclusion of JSC “VO “Safety” does not relieve the enterprise from fulfillment of the licensing procedures, certification etc. established by the legislation.

5.1.3 Letters of Conclusion are issued to the manufacturing plants that manufacture the following products:

- a) equipment (items) of Safety Classes 1, 2, 3 (belonging to Quality Assurance Categories QA1, QA2, QA3);

б) cable products used in systems of Safety Classes 1, 2 and 3 (belonging to Quality Assurance Categories QA1, QA2, QA3);

в) equipment (items) of Safety Class 4 (belonging to Quality Assurance Category QA3):

г) components that can be considered as separate items of equipment (drives, electric motors, high pressure vessels, etc.) and are used in the equipment (items) of Safety Classes 1 and 2 (belonging to Quality Assurance Categories QA1, QA2).

5.1.4 Assessment of the enterprise readiness shall be made before the enterprise starts the appropriate activities on the Rooppur NPP project unless otherwise is envisaged by regulating requirements on the assessment of compliance.

5.1.5 A list of the main requirements (questions) to be assessed (verified) by JSC “VO “Safety” is defined in Appendix 1 “Procedure for issue of Letters of Conclusion to the organizations performing works / rendering services related to construction and operation of foreign NPPs”.

5.1.6 A list of criteria for refusal to issue the Letter of Conclusion permitting to perform the works / to render services related to construction of Rooppur NPP is given in Appendix 1 "Procedure for issue of Letters of conclusion to the organizations performing works / rendering services related to construction and operation of foreign NPPs.”

5.1.7 JSC “VO “Safety” issues Letters of conclusion to the Applicants for a period that does not exceed 2 years (for the equipment with the manufacturing cycle of longer than 2 years, the validity of the Letter of conclusion can be extended based on the Applicant’s request).

5.1.8 Products for Rooppur NPP can be manufactured only subject to availability of the Letter of Conclusion, unless otherwise is stipulated by the regulatory requirements on assessment of compliance.

5.2 Requirements for assessment of compliance of technical documentation for the products

5.2.1 Assessment of compliance of technical documentation on the products to be checked in the course of engineering includes the following stages:

- review and analysis of the design documentation for compliance with the established criteria;

- conclusion based on results of the review and analysis of the design documentation;

- JSC “VO “Safety” approval of the protocols on elimination of the observed non-conformances and monitoring of the performance of measures specified in these protocols.

5.2.2 The following shall be reviewed and analyzed by JSC “VO “Safety”:

- Technical specification (TS) for products (in the absence, technical assignment/technical requirements (TA/TR) for products) (after approval by JSC ASE);

- assembly drawing of the item;

- assembly drawings for the most important assembly units of the item;
- specification for the item assembly drawing;
- specifications of assembly drawings for the most important assembly units of the item;
- test procedure and methodology (acceptance, delivery and other tests) (after approval of JSC ASE);
- Parent metal quality control table (TB1);
- Weld joint and weld deposit quality control table (TB2);
- Notification on amendment of the above documentation.

Technical specifications, technical assignments, technical solutions, solutions related to use of the imported equipment, items, materials and components shall be finally approved by JSC “VO “Safety”.

5.2.3 JSC “VO "Safety” can update the scope of the reviewed documentation, considering requirements of the manufacturing contracts, requirements of the regulatory documentation.

5.2.4 The scope of the reviewed documentation can be decreased, if the documentation has already been approved by JSC “VO “Safety” for Rooppur NPP.

5.2.5 The technical documentation specified in Item 5.2.2 shall be directed by the manufacturing plant to JSC “VO "Safety” representatives, as a rule, before submission of the Quality Plan.

JSC “VO “Safety” shall issue the conclusion based on results of review and analysis of the design documentation and prior to approval of the draft Quality Plan.

5.2.6 If representatives of JSC “VO “Safety” identify non-conformances based on the results of review of the design documentation, in accordance with the approved protocol, JSC “VO “Safety” representatives shall monitor the implementation of measures necessary to eliminate the identified non-conformances.

5.3 Requirements to assessment of compliance in the course of products manufacturing

5.3.1 Representatives of JSC “VO “Safety” perform conformity assessment of the following items:

- a) equipment (items) of Safety Classes 1, 2, 3 (belonging to Quality Assurance Categories QA1, QA2, QA3);
- б) cable products used in systems of Safety Classes 1, 2 and 3 (belonging to Quality Assurance Categories QA1, QA2, QA3);
- в) equipment (items) of Safety Class 4 (belonging to Quality Assurance Category QA3);
- г) components and semi-finished products used as parts of equipment (items) of Safety Classes 1 and 2 (belonging to Quality Assurance Categories QA1, QA2), namely:

- components that function as separate items of equipment (drives, electric motors, vessels, operating under pressure, pumps etc.);
- components belonging to general-purpose equipment in accordance with the following criteria:
 - requirements for assessment of compliance of general-purpose equipment used for assembly of the equipment for nuclear facilities of Safety Classes 1, 2 and 3, established in accordance with the applicable regulatory requirements in nuclear energy use, should be formulated by the developer of the nuclear facility design or elements on the basis of analysis of data on parameters (characteristics) of such equipment, as well as operating conditions of the equipment at nuclear facilities.

In the event that the analysis determines the need for additional procedures of the assessment of compliance (tests, confirmation of compliance), such activities should be performed.

Positive results of the analysis and (or) results of assessment of compliance, which prove that parameters (characteristics) of equipment comply with the requirements set for the nuclear industry, are considered as the basis for application of the general-purpose equipment at the nuclear facilities. Information on the results of such analysis and assessment of compliance shall be submitted with accompanying documents:

- basic materials (semi-finished products): forging, casting, press forming and fasteners of the main joints subject to the federal codes and regulations “Rules for design and safe operation of equipment and pipelines of nuclear power plants”;
- basic materials (semi-finished products): forgings, castings, press formings to be used for manufacturing of internals (shafts and blades of pumps, drives, gate valves, valves, reactor support slabs, etc.);

5.3.2 Conformity assessment in the course of fabrication of the items shall be performed based on the Quality Plans to be approved by JSC “VO “Safety” (after approval of these Quality Plans by JSC ASE EC) before the manufacturing plant starts fabrication of the products. Examples of the title and signature sheets of the Quality Plan are provided in Addendum 10 to Appendix to the contracts “Quality Management”. The period of Quality Plans consideration by JSC “VO “Safety” is 5 working days.

5.3.3 The Quality plan is prepared bilingual (in Russian and English) and should contain a list of manufacturing and control activities, important in the aspect of their impact on the product quality. Operation sequence in the Quality Plan shall comply with the manufacturing process sequence.

5.3.4 The Quality Plans for products shall contain the following control activities:

- inspection of readiness of the manufacturing plant for fabrication of certain products;

- incoming inspection of materials (basic, welding materials and those for fault detection), as well as semi-finished products and components;
- control of the product manufacturing process;
- product testing (acceptance, delivery and other tests);
- acceptance inspection of the final products.

5.3.5 The following activities are performed by JSC “VO “Safety” while approving the Quality Plan:

- a) checking format, completeness and correctness of filling in all the columns and sections of the Quality Plan;
- б) identification and (if necessary) optimization of the list and quantity of control points, taking into consideration requirements of assessment of compliance for certain products;
- в) identification of control points with its participation and their status.

5.3.6 Status of the control point is determined by JSC “VO “Safety” based on the following principle:

- HP (Hold Point) - carrying out subsequent operations of the manufacturing process is delayed until all the inspections and tests envisaged for the current operation are completed with a satisfactory result;
- WP (Witness Point) - current and subsequent operations are not suspended for the period of inspection that is conducted through supervision over activities performed by the executors (manufacturer’s personnel) in the course of a manufacturing operation including issue of reporting documentation;
- WP(R) (Witness Point on reports) - a process and results of the manufacturing operation are checked by review of the reporting documents after completion of the activity, as a rule, in the subsequent “HP” or “WP” control points.

5.3.7 The Quality plan agreed with JSC “VO “Safety” is used as a mandatory guideline for the arrangement and implementation of conformity assessment in the course of product fabrication.

5.3.8 Inspections on control points of the Quality Plan are carried out by JSC “VO “Safety” on the basis of notification of inspection sent by the manufacturer to the representatives of JSC “VO “Safety”.

5.3.9 Readiness of the manufacturing plant shall be the first control point in the Quality Plan. Readiness of the manufacturing plant shall be inspected before commencement of equipment fabrication in order to check whether the manufacturer complies with the requirements necessary for start of fabrication of certain products and to take a decision on commencement of the fabrication.

5.3.10 The scope of inspection of similar components, assembly parts, items from the same product lot and participation of JSC “VO “Safety” in control points specified in the Quality Plan shall include:

- 100% of the products from the lot of the same type of the 1st safety class and 100% of the items of individual production;

- at least 20% of the products from the lot of the same type of the 2nd safety class, but not less than 3 pcs.;
- at least 10 % of the products from the lot of the same type of the 3rd safety class, but not less than 2 pcs.;

5.3.11 After completion of fabrication of products and their testing, JSC “VO “Safety” shall participate in the acceptance inspection. The acceptance inspection is the final control point of the Quality Plan. JSC “VO “Safety” shall take part in acceptance inspections of the final products as follows:

- check of completeness of products presented for the acceptance inspection;
- examination of completeness of covering documentation;
- visual inspection and (where applicable) measurement control of the presented products;
- check of painting, preservation, packaging, and marking of the products.

The products are considered to be finally accepted after completion of all measurements, inspections, tests, and acceptance in the scope and sequence envisaged in the technical documentation and the Quality Plan.

Appendix 1
“Procedure for issue of letters of conclusion to organizations
performing works / rendering services related to construction and operation of
Rooppur NPP”

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1 Scope

1.1 This Appendix establishes a procedure for issue to the Applicants of JSC “VO “Safety” Letters of Conclusion on availability of necessary conditions and a possibility of conducting works/rendering services related to the manufacture and supply of equipment for Rooppur NPP. A list of work (service) types, for which Letters of Conclusion are given, is presented in Section 6.

2 Process of issue of Letters of Conclusion for conducting works/rendering services related to construction and operation of Rooppur NPP

2.1 General provisions

2.1.1 Issue of a Letter of Conclusion stipulates assessment of the Organization’s readiness to perform works/render services related to the manufacture and supply of equipment for Rooppur NPP and is carried out in order to create the Consumer’s confidence in quality, safety assurance, compliance of products supplied by the Organization with requirements of standards, rules, safety guidelines and codes in the nuclear energy use and with other requirements established by regulatory and/or contractual documentation.

2.1.2 The organizations planning to conduct the works/render services for the declared activity shall, in the course of obtaining the Letter of Conclusion, confirm fulfillment of the requirements set forth in Section 7.

2.1.3 Implementation of activities to assess the Organizations’ readiness to conduct the work/render services for the declared activity, to issue the Letters of Conclusion for the declared activities related to performance of works and provision of services for the nuclear energy use and support of Letters of Conclusion includes the following stages:

- 1) Registration of an application for issue of the Letter of Conclusion;
- 2) Receipt, registration of the Application;
- 3) Preliminary review of the Application and justifying documents of the Applicant and sending of an assignment;
- 4) Review of the set of justifying documents, registration of the relevant conclusion;
- 5) Preparation of the Inspection program;
- 6) Inspection of the Applicant and registration of its results;
- 7) Execution, registration and issue of the Letter of Conclusion;
- 8) Control over the activity of the Organizations that received the Letter of Conclusion;
- 9) Amendment of the Letters of Conclusion;
- 10) Suspension and/or termination (cancellation) of the Letter of Conclusion;
- 11) Renewal of the Letter of Conclusion (in exceptional circumstances);
- 12) Issue of the Letter of Conclusion duplicate.

2.1.4 The Letter of Conclusion shall not be transferred to another person, its effect does not apply to other persons carrying out activities jointly with the

Organization that received the Letter of Conclusion, as well as to legal entities, one of the founders of which is the Organization that received the Letter of Conclusion.

2.1.5 Receipt of JSC “VO “Safety” Letter of conclusion does not release the Organizations from fulfillment of the licensing procedures, certification etc. established by the legislation and the Contract.

2.2 Submission of Application for issue of the Letter of Conclusion

2.2.1 In order to receive the Letter of Conclusion for a certain type of activity, the Organization sends to JSC “VO “Safety” the Application for issue of the Letter of Conclusion indicating its name, organizational and legal form, legal address, type of activity and the object of its application, specifying the safety class and certified copies of constituent documents. A form of the Application is given in Section 8.

2.2.2 The application shall be attached with documents and information justifying the capacity to perform the declared activity type. Requirements for the structure of the set of justifying documents and information are given in Section 9 and can be specified depending on the requirements for a particular type of activity.

2.2.3 Note: the second set/copy/scanned version of the justifying documents is provided by the Organization to the representatives of the Branch offices/Authorized organizations that are entrusted with carrying out the inspection.

2.2.4 The application is issued on behalf of the Organization’s management in the name of JSC “VO “Safety” management.

2.2.5 The organization shall inform JSC “VO “Safety” about new data or changes in the justifying documents and information provided at the receipt stage of the Letter of conclusion.

2.3 Consideration of the Application and acceptance of the Applicant’s documents

2.3.1 An application with justifying documents is subject to registration in accordance with the procedure established by JSC “VO “Safety”.

2.3.2 JSC “VO “Safety” Assessment Department (AD) conducts a preliminary review of the submitted Application and the completeness assessment of the justifying documents for compliance with the requirements of Section 9, within 5 (five) calendar days upon receipt.

2.3.3 JSC “VO “Safety” makes a decision on the need to carry out the inspection and conducts it independently or sends an instruction to do it to its Branch offices. A copy of the decision/instruction is sent to the Applicant.

2.3.4 In case of incompleteness of the set of justifying documents in accordance with Section 9, the set is returned to the Applicant for elaboration. In this case the newly sent set is registered from the date of its receipt.

2.4 Inspection of Applicant and registration of its results

2.4.1 The Inspection of the Applicant is carried out by the commission of JSC “VO “Safety”/Branch office/AO (hereinafter - commission). The commission includes employees/Authorized representatives of JSC “VO “Safety”.

The structure of the commission and its chairman are approved, respectively, by the management of JSC “VO “Safety”, **the head of the Branch office**, who were entrusted with the inspection, depending on the features of the inspected Applicant or

other conditions (for example, on the importance of safety equipment, complexity of technological processes and etc.). The commission chairman bears responsibility for arrangement of the inspection and authenticity of its results.

2.4.2 The inspection of the Applicant is conducted as per the Inspection program approved, respectively, by the authorized person of JSC “VO “Safety”, the head of the Branch office, who were entrusted with the inspection. The inspection program is developed by specialists of AD (if necessary), the Branch Office, the Authorized Organization, taking into account the standard Program given in Section 10. The Inspection program is sent to the Applicant not later than 3 (three) calendar days prior to the inspection.

2.4.3 Before the inspection, the commission shall hold a meeting with the Applicant’s supervisors, where they agree on the workplace of the commission, the membership of responsible employees of the Applicant, discuss organizational issues of the inspection and the working conditions of the commission.

2.4.4 During the inspection the Applicant shall provide the commission with:

- unrestricted access to the relevant subdivisions of the Applicant accompanied by the Applicant’s representative;
- telephone communication (including long-distance/international), Internet premise and office equipment required for work;
- transport means for transfer to the place of work (at the enterprise territory, around the city).

2.4.5 The commission shall conduct the inspection in the presence of the Applicant’s officials or the people authorized by the Applicant’s management.

2.4.6 During the inspection it is necessary to be guided by Section 7. In the Inspection Report, the commission also reflects its recommendations on the expediency/need of the evaluation procedure for the preparedness of the Applicant’s specific suppliers for the established requirements and for obtaining a Letter of conclusion of

JSC “VO “Safety”.

2.4.7 Following the inspection results, the commission shall hold a final meeting with the Applicant’s managers and responsible employees.

2.4.8 If during the inspection any false information in the justifying documents submitted with the Application and the comments specified in Section 11 are revealed, the inspection of the Applicant is terminated.

2.4.9 The Chairman of the Commission informs JSC “VO “Safety” in writing about the termination (suspension) of the inspection, indicating the particular inaccurate information found during the inspection, about the resumption thereof (continuation of the inspection).

2.4.10 The inspection results shall be documented as a Report (Section 12) not later than 5 (five) calendar days after the inspection is over (see Note to item 2.4).

2.4.11 The Report based on the inspection results (in the number of two copies) is signed by the members of the commission, the Applicant’s Manager (or the appointed representative) and approved by JSC “VO “Safety” Manager/Branch office Manager who were entrusted with the inspection. One copy of the Report is stored in

JSC “VO “Safety” archive, and the second one is issued to the Applicant’s manager against signature.

2.4.12 In case of non-conformances/comments based on the inspection results, the Applicant shall, within 7 (seven) calendar days, develop a corrective and preventive action plan (Section 13) with specific deadlines for eliminating the non-conformances/comments, which is agreed with the commission chairman (JSC “VO “Safety” representative) who conducted the inspection of the Applicant. The corrective and preventive measures implementation report signed by the Head of the Branch office is sent to JSC “VO “Safety”.

2.4.13 Branch offices/Specialized Organizations within a 3-day period from the date of signing of the Inspection report send it to JSC “VO “Safety”.

Note to item 2.4.

The inspection period from the date of getting the instruction up to sending the Conclusion and the Report to JSC “VO “Safety” shall not exceed 14 (fourteen) calendar days (except for delays related to the Applicant’s area of responsibility).

JSC “VO “Safety” shall be informed on delays in writing with indication of reasons.

2.5 Decision-making on issue or refusal to issue the Letter of Conclusion

2.5.1 Based on the review of the Conclusion, Inspection report and the Report on corrective and preventive measures implementation (if any), JSC “VO “Safety”, within 5 (five) calendar days, makes a decision on the issue (or refusal to issue) a Letter of Conclusion for a specific type of activity.

2.5.2 In case of refusal to issue the Letter of Conclusion, the letter shall specify a reason thereof. A list of non-conformance criteria that can cause a refusal to issue a Letter of Conclusion is provided in Section 11.

2.6 Execution, registration and issue of the Letter of Conclusion

2.6.1 The Letter of Conclusion is issued for a period not exceeding two years.

2.6.2 A form of the Letter of Conclusion and its Validity Conditions are presented in Sections 15&16.

2.6.3 The Letter of Conclusion is assigned with a reference number on the electronic journal of registration and accounting of JSC “VO “Safety” Letters of Conclusion.

2.6.4 A filled-in form of the Letter of Conclusion with attached Validity Conditions is signed by the head of JSC “VO “Safety” or a designated substitute.

2.6.5 An original of the Letter of Conclusion shall be sent to the Applicant’s address by mail.

2.6.6 A scanned copy of the Letter of Conclusion shall be sent to the Applicant and to the Branch Office that conducted the inspection.

3 Control for activity of Organizations that received the Letter of Conclusion

3.1 The control over the fulfillment of the Validity Conditions of the issued Letter of Conclusion during the term of its validity is carried out by the representatives of JSC “VO “Safety”/Branch Offices accredited by BAERA.

3.2 Annual and final reports of the Organizations on the nomenclature and scopes of the work performed/services rendered, within the framework of the declared activity, are provided in the working order according to Item 4.4. of the Validity Conditions of the Letter of Conclusion (section 16) in JSC “VO “Safety”.

3.3 If there is information on non-fulfillment (violation) of the Validity Conditions of the Letter of Conclusion, JSC “VO “Safety” is entitled to perform an unscheduled inspection in compliance with provisions of Sub-section 2.4.

3.4 If there is information about non-fulfillment (violation) of the Terms and Conditions of the Letter of conclusion, following the results of the unscheduled inspection of JSC VO Safety, the following decisions can be made:

- to require elimination of detected drawbacks in the activity being implemented;
- to suspend or cancel the Letter of Conclusion.

The Organization shall be notified in writing of the decisions taken, within seven days after they were taken.

4 Amendments of earlier issued Letters of Conclusion (suspension, cancellation, extension, renewal)

4.1 Amendments to the Letter of Conclusion shall be entered in the event of discovery of previously unknown circumstances related to safety of a certain activity type when new regulatory documents are introduced in the nuclear energy use, or when the Organization addresses (for example, expansion of the field of activity, extension of a validity term, change in the Organization’s name, etc.).

4.2 The Letter of Conclusion can be suspended or terminated (canceled), and a reasoned decision thereof shall be sent to the Organization within 7 (seven) calendar days from the date it was taken (the decision shall be made on the base of Section 3). The decision is executed in accordance with Section 14.

A list of non-conformance criteria that can cause suspension or termination of the Letter of Conclusion is provided in Section 17.

4.3 In the event of cancellation of the Letter of Conclusion, the Organization shall return it to JSC “VO “Safety”.

4.4 In the event that the previously issued Letter of Conclusion has been canceled, the Applicant shall again submit an Application to receive a Letter of Conclusion only after the Report on compliance with the comments has been submitted and its implementation has been verified by the relevant Branch office of JSC “VO “Safety”.

4.5 If the action of the previously issued Letter of conclusion has been suspended, the Organization, after complying with all comments and sending the relevant Report on compliance with the comments to JSC “VO “Safety”, it is necessary to receive from the JSC “VO “Safety” the official notification on the renewal of the Letter of conclusion.

If the commented drawbacks have not been eliminated, the suspended Letter of Conclusion shall be terminated. A procedure for recurrent application to get a Letter of Conclusion is similar to that stated in Items 2.2-2.6.

4.6 Amendments of the Letter of Conclusion are executed in the form given in Section 18, based on review of the Organization's Application within 5 (five) calendar days from the date of its receipt. The Application shall specify a reason of the amendment and confirm fulfillment of the Validity Conditions of the previously issued Letter of Conclusion.

4.7 Review of the Application for amending the Letter of Conclusion, justifying documents and information submitted with the Application, making decisions on amending the Letter of Conclusion (or a decision to refuse to amend the Letter of Conclusion) is carried out in the manner prescribed by Sections 2.4 - 2.5.

Necessity to conduct the inspection is determined by JSC "VO "Safety", taking into account impact of the revealed circumstances that caused amending the Letter of Conclusion, on quality and safety of the declared activity and taking into account fulfillment of the validity provisions of the previously issued Letter of Conclusion.

4.8 The Amendment of the Letter of Conclusion is assigned with a reference number on the AD electronic journal of amendment registration. The approved amendment is an integral part of the previously issued Letter of Conclusion.

4.9 If necessary, the Organization, one month prior to the Letter of Conclusion expiration, shall send an extension request to JSC "VO "Safety", indicating the reasons for extension and confirming the fulfillment of the Validity Conditions of the Letter of Conclusion.

4.10 The amendment on diversification of the Letter of Conclusion is made based on the review of the Organization's Application submitted prior to the performance of work / rendering services by the Organization.

4.11 Upon the Letter of conclusion expiration, if the Organization has not submitted the documents for the extension in due time, the effect of the Letter of Conclusion in exceptional cases (at the discretion of the management of JSC "VO "Safety") may be resumed.

4.12 The amendment on the renewal of the Letter of Conclusion validity period is issued in exceptional cases (at the discretion of the Management of JSC "VO "Safety"), but for not more than 3-6 months. The Application for the Letter of Conclusion renewal shall be submitted by the Applicant at least 6 months after expiration of the previously issued Letter of Conclusion, indicating the reasons for need to continue works / render services (rework, additional supply of equipment and spare parts, urgent repairs, etc.). The Application shall be accompanied by the documents confirming the necessity to perform urgent works, confirming the failure to perform works/render services after the expiration of the previously issued Letter of Conclusion, confirming (if needed) non-entry of changes in the design documentation and technological processes from the expiration of the previously issued Letter of Conclusion.

5 Procedure for the Letter of Conclusion duplicate issue

5.1 In case of loss of the Letter of conclusion, the Organization is obliged within a 10-day period from the date the loss is discovered, to send an application to

JSC “VO “Safety” address to issue a duplicate of the Letter of Conclusion specifying the loss circumstances (reasons) of the Letter of Conclusion.

5.2 Review of the application and making a decision to issue a duplicate of the Letter of Conclusion is carried out in the order similar to the one for the Letter of Conclusion issue (as per item 2.6).

5.3 Registration of the duplicate is carried out in compliance with the procedure for accounting and registration of assessment documents adding the letter “D” (D - duplicate) to the registration number of the previously issued Letter of Conclusion.

5.4 The duplicate of the Letter of Conclusion is issued once and in case of loss shall not be re-issued.

6 List of work (service) types, for which Letters of Conclusion are issued

List of work (service) types	Code for Rooppur NPP
Design	RPR-D-...f
Product manufacturing	RPR-M-...f
Product supply	RPR-S-...f

The list can be amended/complemented (if necessary).

7 List of requirements to Organizations that intend to perform works/render services related to the manufacture of construction and operation of Rooppur NPP

7.1 General requirements

7.1.1 Functioning of the documented quality management system.

7.1.2 Availability of the regulatory documents registered and corrected as of the date of the application submission, including safety documents on the nuclear energy use that determine quality requirements to the declared activity (Russian, international and, if necessary, national, stipulated by requirements of contracts for construction and operation of Rooppur NPP). Availability of the accounting and amending system for regulatory documents.

7.1.3 Staffing with qualified personnel capable to carry out the declared type of activity on performance of works and/or rendering services during construction and operation of Rooppur NPP. Availability of the system to sustain the staff proficiency, their certification and admission to work, check of the management’s and specialists’ knowledge of the regulatory documents requirements related to the declared activity type.

7.1.4 Information that the Applicant has an efficiently functioning system for Suppliers’ selection and evaluation, a system of assessment of purchased products (services) compliance with the quality and safety requirements.

7.1.5 The Applicant, based on the legislation of the country of registration, shall have the following: licenses, permits, certificates, diploma.

7.1.6 Information on the Applicant’s work experience on the activity similar to the one declared in the field of the nuclear energy use.

7.1.7 Information on experience in development and implementation of the Quality Assurance Programs, both in accordance with the requirements of the Russian regulatory documents, and in accordance with requirements of IAEA guidelines No. 50-SG-Q.

7.1.8 Availability of necessary conditions for use of radioactive substances (if such work is expected) when carrying out the declared activity regarding the work performance / rendering services related to the manufacture and supply of products for Rooppur NPP and availability of the appropriate Permits.

7.1.9 The Applicant's production and technological capabilities shall ensure availability of the conditions required to perform the declared activity during the works performance and services rendering.

7.1.10 Availability of systems for registration and analysis of claims (complaints) in terms of quality of systems, equipment, component materials and /or semi-finished products, availability of processes to eliminate the revealed defects of manufacture, installation, as well as taking measures to prevent their occurrence in future.

7.2 Special (additional) requirements to Applicants involved in design and engineering works

7.2.1 Availability of conditions necessary to perform design and engineering works for Rooppur NPP and products:

- hardware and software that allows the planned scope of design and engineering works to be performed;
- possibility to perform necessary calculation and experimental justifications, software qualification;
- metrological examination of design and engineering documentation to be developed;
- arrangement of author's supervision of design and engineering development works during the product manufacturing, installation, commissioning and operation;
- availability of a system of information collection from the organizations using the developed design and engineering documentation concerning detection, registration and analysis of drawbacks in this documentation during the product manufacturing, installation, commissioning and operation;
- possibility to make safety justification for Rooppur NPP (issue of PSAR, FSAR and other documents) on the base of Russian, international and national requirements;
- availability of a system for development, conduct of assessment of compliance, registration, storage of design and engineering documentation, its amending;
- experience of design and engineering of similar products.

7.3 Special (additional) requirements to Applicants involved in product manufacturing

7.3.1 Availability of a system for development, amending, accounting, handling, storage of process documentation for manufacturing and control, its implementation and provision of workplaces.

7.3.2 Availability of a system for suppliers' selection and evaluation, compliance assessment procedures for procurement, incoming inspection, storage and release of component materials or semi-finished products for production.

7.3.3 Provision of a procedure for launching the products into manufacturing.

7.3.4 Provision of a procedure for products release for production.

7.3.5 Metrological support of production

7.3.6 Completeness with process equipment, test aids, tools and devices, instrumentation and measuring tools.

7.3.7 Provision of the required process preparation of production, arrangement and carrying out of a technical inspection of manufacturing, assembly and testing of systems, equipment, components and/or semi-finished products that meet the requirements of Russian and/or international standards, codes and regulations for safety of nuclear energy use and other quality requirements, established by the regulatory and/or contractual documentation.

7.3.8 Information on a test equipment certification procedure, a procedure for systems and equipment test programs development, a procedure for interaction with external testing laboratories (if any).

7.3.9 Information on availability of engineering documentation agreed with JSC "VO "Safety" (approval stamp on the assembly drawing).

7.4 Special (additional) requirements to Applicants involved in products supply

7.4.1 Information on the enterprises developing and manufacturing the products supplied.

7.4.2 Availability of an execution procedure for the documents supplied with products.

8 Form of application for receiving the Letter of Conclusion

To JSC “VO “Safety”
Director General

last name, initials

APPLICATION FOR RECEIVING THE LETTER OF CONCLUSION

name of the company

represented by *Full name of the Applicant’s manager*
submits a request to issue a Letter of Conclusion for the right to (*specify a
declared activity, equipment and safety class*)

The Applicant (*specify the name*) undertakes to meet the requirements of
*Appendix 1 to “Basic requirements on assessment of compliance of safety-related
systems, structures and components (SSC) of Rooppur NPP” “Procedure for issue
of Letters of Conclusion to the organizations performing works / rendering
services related to construction and operation of Rooppur NPP”.*

Appendices:

- 1 Data of the Applicant;
- 2 copies of statutory documents;
- 3 Set of justifying documents and data (including list of documents);
- 4 Data on the Customer who instructed to perform the works, list of
entrusted works/specification;
- 5 Data on the contractors and subcontractors involved by the Applicant.

Applicant’s manager

signature

Initials, last name

Date

Stamp

Notes:

1. Specify data on the Applicant instead of the *italic* text.

9 Requirements to the structure and the content of the set of documents and information justifying the declared activity

9.1 General requirements

The set of document and information justifying the stated activity of the Applicant shall include the following:

9.1.1 General information:

- Full name of the Applicant;
- Shortened name of the Applicant;
- Organizational and legal form of legal entity;
- Number of state registration of legal entity;
- Date and address of state registration of legal entity;
- TIN (for Russian organizations);
- Legal and mailing address;
- Telephone/fax of the manager and secretariat;
- E-mail address;
- Information on the Customer who instructed to perform work/render services and a list of entrusted works/services;
 - Contract No. and Addendum No. with the Customer;
 - Structural diagram of the Applicant indicating family names, positions and telephones of managers (a copy of the diagram is to be attached);
 - Information on the Applicant's structural subdivisions carrying out the declared activity.
- List of the main suppliers/contractors.

9.1.2 List of regulatory documents, including those on safety, which determine requirements for the declared activity (federal rules and regulations in the nuclear energy use, safety guidelines, Rostekhnadzor regulatory documents, state, industry-specific standards, construction rules and standards, as well as the Applicant's regulatory documents, which determine the equipment quality and reliability requirements), which requirements shall be met when carrying out the declared activity. Information that the Applicant has the regulatory documents registered and corrected as of the moment of the application submission, system of their accounting and amending.

9.1.3 The statement confirming that the Applicant has the conditions required to carry out the activity, that contains:

9.1.3.1 Description of the quality management system accepted by the Applicant when carrying out the declared activity;

9.1.3.2 List of quality assurance programs for the declared activity;

9.1.3.3 Information on the works previously performed by the Applicant, characterizing the experience in the declared activity;

9.1.3.4 Information on the availability of the qualified staff capable to perform the planned scope of work of the declared activity. Procedure for personnel training, their qualification, certification and permit to work;

9.1.3.5 Information on the knowledge check for the managers and specialists concerning regulatory documents (from the list of documents in Item 1.2). If an Application for the Letter of Conclusion is submitted for the first time and such check has not been made, the necessary organizational and administrative documents regarding its conduct shall be submitted prior to the work commencement;

9.1.3.6 Information on the possibility to use radioactive substances for the declared activity (if such works are expected).

In the event radioactive substances are supposed to be used in these works, the relevant Permits shall be provided in the set of documents.

9.2 Additional requirements

9.2.1 A package of documents and data justifying the declared activity of the Applicant involved in the design and engineering works for NPP shall include additionally:

9.2.1.1 List of systems and equipment, which design or engineering is supposed to be performed by the Applicant, including their name, purpose, safety class, Customer.

9.2.1.2 List of effective quality assurance programs for system design and equipment engineering.

9.2.1.3 Information confirming a possibility to perform research and development works to justify accepted engineering solutions if such works are planned.

9.2.1.4 Information confirming availability of hardware and software, which makes it possible to perform a planned scope of design and engineering works and necessary calculating and experimental justifications, information on software qualification.

9.2.1.5 Information confirming availability of the information collection system from the Enterprises using the developed design and engineering documentation on detection, registration, analysis of drawbacks in this documentation during manufacturing, operation and decommissioning of equipment, as well as measures on their elimination.

9.2.1.6 Information on arrangement of the author's supervision of design and engineering development works during manufacturing, operation and decommissioning of systems and equipment.

9.2.1.7 Nomenclature of reporting documentation, a procedure for its execution and storage.

9.2.1.8 List of organizations performing individual works on equipment engineering together with the Applicant, with indication of the works to be performed and availability of Permits for such works if there is a statutorily prescribed requirement.

9.2.2 The package of documents and data justifying the declared activity of the Applicant the product manufacturing for Rooppur NPP shall additionally include:

9.2.2.1 List of products, which is intended to be manufactured by the Applicant, where its name, purpose, designation of TS or its substituting document, its safety class, Customer shall be provided.

9.2.2.2 List of effective quality assurance programs for manufacturing/supply of products.

9.2.2.3 Information confirming availability of Procedures for registration, handling, storage, amending, providing workplaces with design and other technical documentation, and information on putting them into effect.

9.2.2.4 Information confirming availability of Procedures for development, amending, registration, handling, storage of technical documentation, its implementation and provision of workplaces, and information on putting them into effect.

9.2.2.5 Information confirming availability of a Procedure for product launch into manufacture, and information on putting it into effect.

9.2.2.6 Information confirming availability of a Procedure for product launch into production, and information on putting it into effect.

9.2.2.7 Nomenclature of reporting and accounting documentation, the procedure for its registration and storage.

9.2.2.8 Information on metrological support to production.

9.2.2.9 Information confirming completeness of process equipment, testing facilities, tools and accessories, laboratory devices and measuring instruments;

9.2.2.10 Information confirming availability of the system for suppliers' selection and evaluation, procedures for assessing the compliance of procurement, incoming inspection, storage and release of materials, components for production, use of imported equipment, products, materials and components;

9.2.2.11 Information confirming availability of a Procedure for certification of measuring instruments and testing equipment, a procedure for testing equipment, a procedure for interaction with external testing laboratories (if any), and information on their putting it into effect;

9.2.2.12 Information on the procedure for accounting and analysis of claims on quality of equipment, measures on elimination of defects identified during manufacturing, operation, as well as taking measures to prevent their occurrence in future.

10 Form of Inspection Program (standard)

APPROVED BY:

JSC "VO "Safety"

Deputy Technical Director

(It is allowed for the program to be approved by the head of the branch office/the assigned Authorized Organization)

Name Surname

“ _____ ” _____ 20

INSPECTION PROGRAM (standard)

The name of the Applicant

1. Inspection goal:
2. Base for inspection (*JSC "VO "Safety" letter, instruction, directive, order - assigning inspection conduct to the branch office/authorized organization*)
3. Inspection time:
4. Commission members:
5. Inspection arrangement

Before the inspection a preliminary meeting with the administration (*name of the Applicant*) is held, where the commission chairman announces the inspection goal, summary of the inspection plan and distribution of duties between the commission members, indicates the information exchange ways during the inspection and answers all possible questions.

During the inspection the commission members collect and verify information in compliance with the inspection area and criteria, as necessary for report preparation based on the inspection results.

The administration (*name of the Applicant*) or official it authorized are to assure access to the subdivisions under inspection and provision with documentation and information according to the inspection spheres (see Item 7 of this program).

On the final meeting with the administration (*name of the Applicant*), upon completion of the inspection, the commission chairman presents the main conclusions and statements on the inspection results.

6. To perform the inspection of the Applicant, the following documents shall be submitted to the commission:

- structural diagram of the Applicant, availability of subdivisions necessary for declared activities and services;
- provisions on the main subdivisions of the Applicant, which participate in the declared activity;
- list of internal documents of the Applicant, methods, rules, instructions including safety codes and standards in nuclear power, which requirements are used for works on the declared activity, orders on establishment of examination and qualification commissions on knowledge check and qualification of all categories of employees connected with special processes and quality control;

Continuation of form of Inspection Program (standard)

- training programs, knowledge check and qualification protocols, work permit documents;
- certificate of the Applicant's work on equipment supply to the nuclear facilities, received reclamations;
- set of documented procedures of the quality management system;
- certificate of compliance with requirements stipulated by the legislation of the registration country;
- *the list of documents can be extended (see Item 2.2.2).*

7. The main list (*name of the Applicant*) of inspection areas for obtaining the Letter of Conclusion:

- check of authenticity for information indicated in the Application and justifying documents and data of the Applicant;
- assessment of compliance of the Applicant's activity with the earlier issued Letter of Conclusion (if any);
- check of corrective and preventive actions (if any);
- provision of production with engineering documentation;
- process support and equipment availability;
- qualification of production personnel;
- availability of criteria and requirements to suppliers, functioning of the suppliers' selection system;
- information on application/non-application of imported equipment, items, materials and components;
- system of assessment of compliance of purchased products, materials and semi-finished items for completeness and manufacturing of products with requirements of federal safety codes and regulations;
- product identification and traceability;
- documentation and records control;
- information on availability of quality assurance program;
- analysis of claims and reclamations received from the product consumers;
- human resources (provisions on subdivisions, job descriptions, availability of stamps, etc.)
- check of equipment and accessories;
- metrological support;
- test base/laboratories (their state and operation);
- state and general production culture, organization and equipping of working places, their cleanness, etc.;
- *if needed, add/delete missing areas.*

*Signatures of the Chairman
and the commission members Name Surname*

Name Surname
Name Surname

11 List of non-conformity criteria for refusal to issue a Letter of Conclusion for performance of works/rendering services related to the construction and operation of Rooppur NPP

- 1 1 Presence of unreliable or distorted information in the documents submitted for receipt of the Letter of Conclusion.
- 2 2 Presence of comments based on results of consideration of the documents submitted for receipt of the Letter of Conclusion and inspection of the Organization. Non-elimination of commented drawbacks within the agreed time period.
- 3 3 Negative inspection results.
- 4 4 Non-compliance with the stated activity in terms of requirements fulfillment.

12 Form of the Applicant's Inspection Report

APPROVED BY:

JSC "VO "Safety" Deputy Technical Director/
Director of the Branch/ the Authorized
Organization

Name Surname
" _____ " _____ 20

INSPECTION REPORT

Title of Applicant

Within the period from _____ to _____

Based on the Inspection Program dd. _____

The commission consisting of: (*indicate name and surname, position, place of work of the Chairman and commission members*)

performed an inspection (*name of the Applicant*)

With a purpose to issue a Letter of Conclusion (*indicate a declared activity*)

In the course of the inspection, the following has been established:

The issues to be inspected are according to Sections 7 and 9.	
--	--

The commission
recommends _____

comments and recommendations on elimination of revealed drawbacks

to improve the Applicant's work

Conclusion: _____

The commission conclusions on issue or refusal to issue a Letter of Conclusion

Chairman of the Commission _____

signature

Read and Understood:

Manager _____

Name of Applicant

signature

full name

date

Note: Report on inspection results is issued for each declared activity. One original of the Report on inspection results is to be sent by the Branch Office/Authorized organization to JSC VO" Safety". Each Report shall have a reference number, date of issue and executed in the landscape page format.

13 Form of Corrective and Preventive Action Plan

APPROVED BY:

Director
Name of organization

Signature, surname, initials
date

Plan

of corrective and preventive actions on elimination of commented drawbacks revealed during inspection

(issued on the base of Inspection Report)

dd. _____ 200_

№ п/п/	Non- conformity	Reason for non- conformity	Actions on elimination of non- conformity	Actions on elimination of non- conformity reasons	Executio n date	Contract or	Completi on status	Control of corrective action implementa tion
1	2	3	4	5	6	7	8	9

Position of Executor

Signature, Name Surname

Date of Plan issue

Note: The *italic* text is necessary to be completed in compliance with the proposed form.

14 Form of Resolution on issue or refusal to issue the Letter of Conclusion

Joint Stock Company VO "Safety"
(JSC VO "Safety")

RESOLUTION No. XX

on issue or refusal to issue the Letter of Conclusion

delete unnecessary

The management represented by JSC "VO "Safety" Deputy Technical Director reviewed the documents justifying readiness (*specify the Applicant's name*) to perform the declared activity (*specify the declared activity*) in compliance with requirements of safety codes and standards in nuclear power to be applied to the declared activity and took the decision to (*specify "issue" or "refuse to issue"*) the Letter of Conclusion.

Base for negative decision: *specify motivated reasons of refusal*

Deputy Technical Director
JSC "VO "Safety"
Signature Name Surname

date

15 Form of Letter of Conclusion for Rooppur NPP



**JOINT STOCK COMPANY
VO "SAFETY"
(JSC "VO "Safety")**

Letter of Conclusion for work performance

Work type/production activity: _____

(NPP): _____

Reg. No. designation

dd. date month year

The Letter of Conclusion is issued: *Name of Applicant*

Legal address of the Applicant: *Text*

This Letter of Conclusion confirms a possibility to perform: *specify work type/production activity in compliance with the requirements established for NPP*

Base for issue of the Letter of Conclusion:

Application name of the Applicant No. number dd. date month year

JSC "VO "Safety" decision dd. date month year No. number

Validity period of the Letter of Conclusion date month year

The Letter of Conclusion is effective in case the attached conditions of the Letter of Conclusion effectiveness being its integral part are met

Director General

АО «ВО «Безопасность»

signature

Name Surname

M.P.

Note: The *italic* text is necessary to be completed in compliance with the proposed form.

16 Form of validity provisions for Letter of Conclusion for Rooppur NPP

VALIDITY PROVISIONS

OF THE Letter of Conclusion No. dd. 20

for (specify the work, service) for *Rooppur NPP, the People's Republic of Bangladesh*, issued
(specify the Organization name)

1. Scope of Activity

Scope of Activity determined in this Letter of Conclusion (*name of Organization and type of work services*)

2. Regulatory and Procedural Requirements

The Applicant shall perform its activity observing the requirements (*specify regulatory environment*):

3. General requirements

3.1 The Organization shall provide necessary conditions for inspections of the Applicant to be performed by the JSC “VO “Safety” representatives (*specify the Organization name*) (including communication services, etc.).

3.2 The Organization shall inform JSC “VO “Safety” on the commencement (stage) of works for manufacturing of certain equipment to be issued according to an individual set of engineering documentation, technical specification, in order to perform the inspection on this equipment readiness for release into production (if the declared activity is manufacturing of systems and equipment).

3.3 The Organization shall fulfill validity provisions of the issued Letter of Conclusion within its entire validity period.

3.4 Compliance with of the issued Letter of Conclusion is controlled by review of reports (Item 6 hereof) and performance of unscheduled inspections (if necessary).

4. Requirements for information and reporting

The Applicant shall:

4.1. By request submit to JSC “VO “Safety” the information, materials and documents necessary to assess compliance with these Provisions.

4.2. Provide JSC “VO “Safety” with copies of the contracts made with subcontractors and related to the activities specified in section 1 of this Letter of Conclusion (without commercial part).

4.3. Inform the representatives of JSC “VO “Safety” about the scopes and nature of the work planned for the next quarter of the year and subcontractors involved in the work.

4.4. Provide JSC “VO “Safety” with an annual report on the range and scopes of works accomplished within the framework of the activity applied for with the information on quality assurance of these works by the 10th of February of the year that follows the reporting year, as well as a final report to be submitted by the expiry date of the Letter of Conclusion.

4.5. Provide JSC “VO “Safety” with the information as follows:
changes in contracts and agreements concluded with subcontractors - within 15 days from the date of their approval;
modifications to documents and data justifying the application for obtaining this Letter of Conclusion within 10 days from the date of introducing the aforesaid modifications.

5. Additional Terms

5.1 These Terms and Conditions may be altered by request of the Organization or by initiative of JSC “VO “Safety”.

5.2 The Letter of Conclusion can be suspended or terminated in case the Organization violates safety standards and regulations in use of nuclear energy, guidelines, validity provisions of this Letter of Conclusion, or in case of termination of the documents which are a prerequisite for obtaining the Letter of Conclusion.

5.4. In case the Organization initiates alteration of these Validity Conditions of the Letter of Conclusion, the Organization shall submit to AO an application with justifying documents attached thereto.

Deputy Technical Director

signature

Name Surname

Note: content of Sections 1-5 can be change and supplemented depending on peculiarities of declared activity/services.

17 List of non-conformity criteria for suspension or termination of the Letter of Conclusion for the performance of works/rendering services stipulated by the Letter of Conclusion

- 1 Suspension of the license of the State administration and regulatory authorities for the relevant type of activity.
- 2 Violation by the Organization of federal laws and regulatory legal acts in the power energy use.
- 3 Availability of critical non-conformances, that affect safety, revealed based on JSC VO Safety inspection results within the Organization activity control as per the issued Letter of conclusion or the Customer's audit results.
- 4 Failure by the Organization to comply with the instructions or orders of administration and regulatory authorities or suspension of the Organization's activity in accordance with the legislation.
- 5 Failure by the Organization to comply with the State regulation authorities requirements to the type of activity specified in the issued Letter of conclusion.
- 6 Violation by the Organization of the Terms and Conditions of the Letter of conclusion issued by JSC VO Safety.

18 Form of Amendment for Rooppur NPP

АО «ВО «Безопасность»

Letter of Conclusion (*according to the registration log for Letters of Conclusion*)

APPROVED BY:

Director General

АО «ВО «Безопасность»

signature *Name Surname*

date, month, year

Amendment No. (according to the registration log for amendments)
to Validity provisions of Letter of Conclusion No. (according to the registration
log for Letters of Conclusion) dd. (date of receiving the Letter of Conclusion)
on readiness of (organization name) to perform the declared activity (activity
type) for Rooppur NPP

Date of amendment introduction:

Basis:

Content of Amendment:

This Amendment is an integral part of the Letter of Conclusion No. (*according to the registration log for Letters of Conclusion*) dd. (*date of receiving the Letter of Conclusion*) and is valid within its validity period.

Deputy

Technical Director Signature Name, Surname

Appendix 2

Procedure of the Supplier's delivery of imported equipment, items, materials, semi-finished products and components for Rooppur NPP.

This Procedure of the Supplier's delivery (the Supplier is the organization supplying equipment under the contracts concluded with JSC ASE / JSC NIKIMT-Atomstroy (hereinafter referred to as the Customer) of imported equipment, items, materials, semi-finished products and components for Rooppur NPP (hereinafter referred to as Procedure) has been developed for safety-important equipment and items related to Safety Classes 1, 2 and 3.

1 In case the Equipment supplied under the Contract includes the imported equipment classified as per Safety Categories 1, 2, 3, as well as safety-important components, materials, semi-finished products, for of such Equipment the Supplier or the enterprise-subcontractor of the Supplier develop a draft solution on application of imported equipment, items, materials, semi-finished products and components (hereinafter referred to as Solution).

Solutions for imported equipment and items related to Safety Class 4 regardless of the established quality assurance category, as well as for components, materials, semi-finished products and items are not documented.

2 A draft Solution is to be developed in the free form and should contain the following information:

2.1 Technical requirements:

- TA or TS numbers (if any) for delivery of imported equipment, items, materials, semi-finished products and components;
- safety class;
- list of international and Russian rules and regulations, and other regulatory documents stating requirements for procured equipment, items, materials, semi-finished products and components;
- application indicators;
- reliability indicators;
- requirements to quality assurance;
- requirements to control during manufacturing (including requirements to testing, acceptance, assessment of compliance of manufacturing materials and organization);
- requirements to seismic resistance;

- delivery completeness, including equipment, spare parts, tools and documentation in accordance with requirements of the Contract;
- requirements to labeling and packaging;
- requirements to storage and transportation;
- other requirements in compliance with the contract and project.

2.2 Suppliers' references

2.3 References to programs and methods of equipment and products tests. No programs and testing procedures are developed for materials, semi-finished products and components.

2.4 The following set of documents is attached to the Solution:

- The Quality Assurance Program of the Supplier;
- Technical specifications/Technical Assignments (or documents replacing them);
- Engineering documentation (assembly drawings), including drawings of basic parts, fastening, sealing units and parts;
- Technical certificates for equipment, items and basic parts;
- Programs of acceptance tests (for prototypes) and acceptance and delivery tests;
- Completed Quality Plans;
- Lists of basic and welding materials;
- Technical solutions on basic and welding materials application, in compliance with requirements of rules and regulations in the use of nuclear energy, executed in compliance with requirements of the regulatory documents;
- Analysis of basic dimensions selection;
- Confirmatory strength calculation;
- Heat, hydraulic and other calculations (when necessary);
- List of Russian rules, regulations and other regulatory documents for such equipment, which requirements shall be met by the chosen imported equipment, items and components;
- Certificates of conformity (if required);

- Earlier approved and agreed solutions for Russian/foreign NPPs, in case the used materials have identical marks, technical characteristics and design of equipment, items, components specified in earlier developed Solutions. Such Solutions shall be presented for the examination on justification of compliance of features (parameters);
- Results of the examination in the accredited expert organization justifying compliance of features (parameters) of the imported equipment supposed for application, items and components with requirements of the Russian rules and regulations and other regulatory documents;
- Documents of the plant-manufacturer on quality of the products (certificates, labels and etc. for materials, semi-finished products, components).

3 The Supplier sends a draft Solution for approval in the Design organization (or, if necessary, the design unit of NIAEP JSC). When the Solution is prepared by enterprises-subcontractors of the Supplier, such Solutions are agreed by the Supplier before forwarding to the organizations involved.

A period for review and approval of the Solution by the organizations is not more than 10 business days (for each approving party).

4 After all necessary approvals are received, the Supplier forwards the Solution for approval to the JSC ASE EC Quality Director.

5 Solutions on application shall be executed by the Supplier before the equipment shipment. Copies of the executed Solutions with their attachments shall be sent to JSC “VO “Safety” for review and are not included in the documentation supplied together with equipment to the construction site.

6 When necessary, the following is performed:

- Analysis of manufacturing conditions for newly attracted suppliers (conducted by the Supplier and/or the enterprise-subcontractor of the Supplier with participation of the Authorized Organization);
- materials research organization’s review (for materials used for the first time);
- acceptance tests for pilot models of equipment and items and/or acceptance handover tests for commercial equipment and items (conducted by the Supplier and/or enterprise-subcontractor of the Supplier).

7 Upon imported basic and welding materials procurement, the following is attached to the Solution:

- list of Russian rules, regulations and other regulatory documents stating requirements to be met by the materials supposed for procurement;
- technical requirements to materials;
- certificates of conformity;
- list of materials with their international designation, compliance (similarity) of foreign marks with national marks according to their chemical composition;
- list of international standards and regulations for producing materials;
- list of material suppliers;
- material research organization's statement (for materials used for the first time).