|  | **Intervention Logic** | **Key Performance Indicators** | **Sources of Verification** | **Assumptions** |
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| **Overall Objective** | Review of the post-Fukushima nuclear safety stress test self-assessment of the Nuclear Power Plant unit-1, in full compliance with the INRA detailed requirements of the stress test, to perform a gap analysis, to complete as necessary the self-assessment, and to envisage strategies for addressing stress test recommendations | The methodology report containing gap analysis.The self assessment report.Task 6 final report.Project final report. | Progress reports.Project final report. | Relevant available inputs to be addressed will be provided. End User specialists will be involved as needed. |
| **Activities** |  |  |  |  |
| Task 0 | Inception meeting | Detailed work plan and schedule developed, agreed with the Beneficiary and approved by EC. | KoM minutes, Inception report | The End User specialists will participate actively in the KoM |
| Progress meetings | Project progress according to schedule. | Progress reports | The End User specialists will participate actively in the individual Tasks as agreed at KoM. |
| Project final meeting | Project overall objectives fulfilment proven and agreed by the Beneficiary. | Project final report | The End User specialists will participate actively in the final meeting. |
| Task 1 | To review of the available self-assessment against the INRA detailed stress test requirements and to perform a gap analysis | Set of findings and recommendations provided in the form appropriate for next phases of the project. | Gap analysis report. | Post-Fukushima report and referenced documents will be available. |
| Development of a detailed methodology that shall enable NPPD to complete the self-assessment report. | Specific features and conditions important for the stress test Self-Assessment for the NPP overseen, assessed and addressed in the methodology. | Stress test methodology report | Available relevant inputs will be provided. End User specialists will be involved as needed. |
| Review of the inventory of the available plant safety documentation and corresponding safety analyses to be in sufficient detail and compliant with the specific needs of the stress test Self-Assessment. | Relevant available documents reviewed, review results presented in unique manner in the review forms. | Stress test methodology report, Task 1 report | Confidential statement |
| Workshops organizing, covering training, start of the identification, clarification, discussions and indicative gap analysis against typical stress test requirements, discussions on technical approaches envisageable for the stress test of NPP-1, discussions on the required capabilities and on a concept for a practical work plan, etc. | At least two workshops in Iran covering required topics | Workshop proceedings, Task 1 report | Available venue and logistic backstopping will be provided by the End User. Participation of relevant plant specialists will be planned in advance to have them available for the meeting. |
| End User staff familiarisation with conducting and results of the EU stress tests.  | Technical visit to at least two EU countries (preferably applying similar technologies) | Task 1 report | Travel facilitation for the End User staff expected to take part. |
| Task 2 | Support of NPPD with the preparation of the Self-Assessment Stress Test report. Analysing the possibility of any provisions to avoid occurrence of extreme scenarios that are foreseen by the stress tests technical specifications. Support of NPPD in monitoring the overall progress in safety analyses and in the development of the SAST report. | Reviewing of the emerging SAST report. Set of findings and recommendations provided in the form appropriate for finalization of the report. | Revision of the draft of the SAST report according to the INRA recommended Format and Content Walkdown findings minutes. | Relevant materials and references will be provided in the maximum available quality and scope. End User specialists will be available as needed. |
| Incorporating of the review findings into the SAST report. | Development of the SAST report. Final version of the report developed and agreed. | The SAST report (revision for presentation to INRA).Task 2 report | End User specialists will be available as needed. |
| Task 3 | Support NPPD in presentation of the Self-Assessment Stress Test report to INRA. | SAST report presentation during workshop at INRA. | Summary report of the workshopTask 3 report | INRA End User specialists and Lot 1 Consultants will be available for the presentation. |
| Task 4 | Support NPPD in the development of the final Self-Assessment Stress Test report in accordance with INRA comments and recommendations. | Appropriate resolution of the comments received as a result of INRA's regulatory review and incorporation of them into the final SAST report. | Final Self-Assessment Stress Test reportTask 4 report | Good mutual understanding and well established interface between Lot 1 and 2 is expected. |
| Task 5 | Support NPPD in prioritizing and planning ways, issues and recommendations resulting from the stress test | Compilation and overseeing of improvements considered before the start of the project carried out. Identification of needs for further safety analysis and/or further improvement measures and review of the approach to the design process performed.Potential improvement measures prioritisation, strategy for their full analysis proposal and appropriate implementation strategy suggestions provided. | Task 5 report | Interaction of End User specialists during the discussions on prioritization and planning is expected.  |
| Familiarisation of the End User staff with implementation of Post-Fukushima safety improvements (including the deployment of mobile equipment) in EU countries. | Facilitating of scientific/benchmarking study visits for End User specialists to NPPs in at least two EU countries in which modernizations related to the implementation of Post-Fukushima safety improvements. | Task 5 report | Travel facilitation and success permissions will be facilitated for the End User staff expected to take part in the visit. |
| Task 6 | Support in final OSART recommendations review and in defining the scope, prioritizing and planning implementation of the measures proposed. | Final OSART recommendations review, providing implementation strategy for one or more corresponding measures in synergy with the stress tests results. | Task 6 report | OSART mission recommendations documents will be made available, sufficient budget margin.  |