|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Name** | | **Position** | | **Organization** | | |
| Dmitry A. Kuzmin | | Head of department on NPP reliability | | JSC “VNIIAES” | | |
| **Topic** | | | | | | |
| “Optimization of ISI program in Bushehr NPP” | | | | | | |
| **Topics to be highlighted** | | | | | | |
| Technical assistance/consultation for:   1. Giving useful presentations on technical and economical justifications for increasing the inspection period from 4 years to 8 years including advantages and disadvantages of this plan regarding quantitative results; 2. Giving useful presentations on how to perform feasibility study for increasing the inspection period from 4 years to 8 years in Bushehr NPP; 3. Presenting the requirements of increasing the inspection interval from 4 years to 8 years For Bushehr NPP based on the Russian codes and standards; 4. Presenting on the executive and observational plan for increasing the inspection period from 4 years to 8 years. 5. Presenting the experiences of Russian NPPs in this regard; 6. Overview of the common approaches to optimizing ISI which applied in the NPPs across the world. 7. Presenting executive methods which would be used for inspection program in 8-year-period; 8. Introduction of the appropriate approach for the Russian NPPs focusing on VVER-1000; 9. Transformation of technical know-how to prepare and implement the new ISI program in order to increase interval inspection in BNPP. 10. Giving presentations on initial measures which would be performed for preparing Bushehr NPP equipment and also for the different departments in this regard; 11. Presenting the required standards and documents for increasing the inspection period from 4 years to 8 years; 12. Preparing a list of the required changes in the NPP to be applied in case of increasing the inspection interval; 13. Presenting different methods of calculating and improving the reliability of equipment and systems in case of increasing the inspection period; 14. Principle description of NP-084-15 document focusing on “Methodology of safe change over from 4 to 8(10) years operational inspection of VVER-1000 reactor plants equipment and pipelines”; 15. Principle description of MP 1.3.3.99.0084-2010 document focusing on “Methods of analysis of NPP equipment and pipelines metal damage reasons”. | | | | | | |
|  | **Topic** | | **Date** | | **Time period** | **Speaker** |
| **Day 1** | | | | | |  |
|  | Work(s)/service(s) 1 that should be performed during Day 1  or  Topic of work(s)/service(s) that should be performed during Day 1 | | Date of the Day 1 | | Time period (by following form:  hh:mm-hh:mm) | Name of the speaker |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
| **Day 2** | | | | | |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
| **Day 3** | | | | | |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
| **Day 4** | | | | | |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
| **Day 5** | | | | | |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |
|  |  | |  | |  |  |