**IRA2012/06/01
3.3.2 EM on management and maintaining design basis information through NPP life cycle
Iran, Islamic Republic of, Tehran
23 – 25 April 2016**

**List of Participants**

|  |  |  |  |
| --- | --- | --- | --- |
| **1**  | **IAEA** | **Mr Vitalii Kolomiiets**International Atomic Energy AgencyDepartment of Nuclear Energy Division of Energy Planning and Nuclear Information and Knowledge Nuclear Knowledge Management Section A2447P.O. Box 100, Vienna International CentreWagramer Straße 51400 ViennaAUSTRIATel.: 0043 1 2600 26730Fax: 0043 1 26007EMail: V.Kolomiiets@iaea.orgInternet: <http://www.iaea.org>  | **Purpose of Travel:** To lead the mission and provide technical input on management and maintenance of design basis information through NPP life cycle and with explicit reference to NPPD's contract for Bushehr's two new pressurized light water reactors. |
| **2**  | **Austria**  | **Mr Oszvald Glockler**SunPort SATechGate Vienna, Floor 10Donau-City Strasse 1, Vienna - A-1220AUSTRIATel.: 0043 664 140 5901EMail: o.glockler@sunport.ch  | **Qualifications:** Practical experience in NPP operation, LTO, IS development, DK/DBI management, Configuration Management | **Duties:** As an IAEA IEX team member, and with explicit reference to NPPD's contract for Bushehr's two new pressurized light water reactors, to support and contribute to the coordination of activities of the IRAN NPPD organization in design knowledge management (DKM) programme establishment and to analyse current situation in the area:- National and international responsibilities for ensuring design knowledge - Regulatory perspectives and requirements on design knowledge management- National licensing requirements for design documentation and validation - Importance and responsibility for design authority — the concept, approaches and problems- Vendor responsibilities for design knowledge management- Assessing and maintaining competence of the design authority- Advanced integrated design management systems and approaches- The design change process in different countries (vendor, regulator, utility perspectives)- Design basis validation: approaches, challenges, future directions- International peer reviews of design basis of new facilities, best practices, and lessons learned- Nuclear facility business models for outsourcing and associated risks of design knowledge loss- Importance of periodic safety reviews and licence renewals to revalidate the design basis- Knowledge transfer from vendor to utility-owners during the new-build process- Challenges presented by commercial interests with respect to design basis over the lifecycle- Design knowledge management challenges faced by new-build projects- Current technologies and approaches to plant information management- Preserving information and data on facility operating, maintenance and design change history- Plant Information Model (PIM) as a tool to manage facility configuration information- The needs, areas of application, challenges and issues related to implementation of data support systems at NPP- Configuration ManagementIdentify DK and DBI needed to be handover and preserved and which can be used as basis or part of plant information system needed for safe operation and future LTO (Safety requirements, PSAR/FSAR elements, Start-up and Equipment tests results, Design specification and drawings Be responsible for implementation and delivery presentations on request (agreed with TO), facilitation of discussion, group work leading and development of recommendations as for the DKM programme at NPPD. |
| **3**  | **Hungary**  | **Mr Sándor Szucsán**ALEX-ENG Technical Advisory and Service Ltd. Co.Arany Janos utca 537030 PaksHungaryTel.: 0036 75 310941Fax: 0036 75 310941EMail: alexeng@t-online.hu  | **Qualifications:** Practical experience in NPP operation, LTO, IS development, DK/DBI managment |
| **4**  | **Italy**  | **Mr Oscar Agostino Mignone**Via Carlo Cattaneo 95,20025 LegnanoITALYTel.: 39331 45 40 48EMail: ing.oscar.mignone@hotmail.com  | **Qualifications:** Broad experience in:Managing Nuclear Engineering, Nuclear Safety Analyses, Plant Development and Nuclear Technology, Project Management, and Project Controls, |