**INTERNATIONAL ATOMIC ENERGY AGENCY**

**TECHNICAL CO-OPERATION & ASSISTANCE PROGRAMME**

**EXPERT REQUEST FORM**

**N.B: this request form must be would be submitted to the IAEA at least 3 months prior to expected mission dates**

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| **ADMINISTRATIVE MATTERS** | |
| Project code: | IRA 2013 |
| Project title: | Technical cooperation with the IAEA in the field of operating experience |
| Title of mission: | EM to review the progress of methods and SW for independent root‐cause analyses of BNPP‐1 (follow‐up of the previous EM) |
| Duty station: | Operating experiences |
| Administrative (including VISA Support)  Contact person:  (specify address, phone and E-mail) |  |
| Technical Contact person:  (specify address, phone and E-mail) | M.H. Raji  Address: No.36, Kaboli St, Arash-mehr St, Tehran, Iran.  Phone: +98 21 88231038 (400)  tavananuc@nppd.co.ir |
| Duration of mission: | 5 days |
| Venue date proposal (provide 2): | 2 -6 March 2019 |
| Expected breaks and working hours during mission: | Breaks: 10  Working hours: 40 |
| **TECHNICAL CONTEXT** | |
| Context of the mission- why is it needed:  (add a justification for the request of the expert mission e.g. to support national project, IAEA project)) | Operating Experiences processes of BNPP-1 includes the following:   * RCA method, tools and software; * Internal event investigation process; * external event investigation process; * effectiveness assessment of corrective actions; * Independent event investigation by TAVANA; * Trend Analysis process.   A technical exchange meeting is needed to review our operating experiences processes and our RCA method (Iranian Comprehensive RCA Procedure (ICRCAP)) and suggestions for improving this processes and method and developing a SW based on this method. |
| Expected outcomes- what is needed: | * Overview of known RCA Methods, tools and software in the world. * Description of factors important to the event investigation. * Reviewing the ICRCAP and suggestion for improving this procedure and developing a SW based on it; * Improving code user qualification and training regarding severe accident. * Establishing a Trend Analysis process for all kind of BNPP-1 events; |
| Expected number of attendees (people attending the mission): | 15 |
| Level of the audience (specify the technical background and the professional experience of the attendees) | Participants have acceptable knowledge of operating experiences process and RCA methods |
| EXPERT MATTERS | |
| Number of expert/s expected: | 3 |
| Field of expertise: | Event investigation and operating experiences |
| Duties: | Root cause analysis methods review  Event investigation process review  External operating experiences review |
| Qualification of expert: | Nuclear engineering |
| Acceptable working language of expert: | English |
| **If specific expert is suggested, please indicate the name and address. This does not mean that the expert will be automatically considered for the mission.** | |
| Name:  Telephone:-  E-mail and Address: | |