**INTERNATIONAL ATOMIC ENERGY AGENCY**

**TECHNICAL CO-OPERATION & ASSISTANCE PROGRAMME**

**EXPERT REQUEST FORM**

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

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| **ADMINISTRATIVE MATTERS** |
| Project code:کد پروژه | Task 7.4 IRA2013: Action Plan for implementation of Workplan activties in 2016-2017 |
| Project title: | Assistance in environmental monitoring programme for BNPP-1 (follow-up of assistance provided in IRA2011) |
| Title of mission: | Expert mission on review and evaluate the result of the environmental monitoring program with the ESTE software |
| Duty station: | BNPP |
| Administrative (including VISA Support) contact person:(specify address, phone and E-mail) | Mojtaba Momeni-AzadAddress: International Affairs Department, Bushehr NPP, Bushehr, IranTelephone: +98 77 3111 2589Mobile: +98 937 250 2218Email: momeniazad@nppd.co.ir |
| Technical contact person:(specify address, phone and E-mail) | Rostami. Hassanrostami@nppd.co.ir, 09126942124 |
| Duration of mission: | 5 Days |
| Venue date proposal (provide 2) | 21-28 Feb 2020 |
| Expected breaks and working hours during mission: | The suggested time is (in local time):working hours:8:30 to 10 , 10:15 to 12:30 , 14 to 15 , 15:15 to 16.15Breaks time: 10:15 to 10:30 ,15:00 to 15:15.Lunch time: 12:30 to 14:00 |

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| **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) | Getting familiar with how to update input data of the radioactive material dispersion modelling system and professionally analysing the achieved results and eliminating some ambiguities existing in the results of simulation of radioactive material dispersion modelling in normal conditions  |
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| Expected outcomes – what is needed: | **to reply the following questions and ambiguities:*** How to update input data of the radioactive material dispersion modelling system in normal conditions such as current and wave data because of being complicated and the method for how to obtain the initial data not being clear
* How to professionally analyse results achieved in the assessment of dose based on the input data
* How to define, adjust, or delete data layers such as population data, roads and paths data, regions data, , etc. (the structure of ESTE AI software has been designed and developed based on the software ArcGIS. Therefore, inserting any data layer must be based on the location data. )
* How can modeling software be verified?
* Familiarity of Bushehr NPP relevant experts with how to become member in specialized workgroups of IAEA in the field of softwares of modeling , prediction , and dispersion of radioactive materials in normal conditions
* Paving the way and making ground for the participation of experts in specialized courses of IAEA in the field of modeling , prediction , and dispersion of radioactive materials in normal conditions
* making decision for conducting similar expert missions and studying practical solutions for facilitating the use of the knowledge of IAE experts in this area
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| Expected number of attendees (people attending the mission):  | 18 experts |
| Level of the audience (specify the technical background and the professional experience of the attendees) | Exerts participating in this expert mission are from the areas of radiation safety, I&C, laboratory of environmental monitoring and environment protection in the field of dose assessment in Bushehr NPP. Experts participating in this expert mission are relatively familiar with dose assessment softwares.  |
| **EXPERT MATTERS** |
| Number of Expert/s expected:  |  |
| Field of Expertise: | 1-Assessing radiological consequences of airborne and liquid discharges from normal operation. |
| Duties:  |  |
| Qualification of expert: | 1. Fully familiar with dose assessment softwares in normal conditions
2. Familiar with and sufficiently proficient in environmental monitoring program.
3. Fully proficient in documents of IAEA in regard to dose assessment
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| 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:  |  |