

**JOB DESCRIPTION**

**IAEA TECHNICAL CO-OPERATION EXPERT MISSION**

**PROJECT AND TASK NUMBER**: IRA2011 9025

**PROJECT TITLE**: Strengthening and Upgrading Capabilities for Safe and Reliable Operation and Maintenance of a Pressurized Light Water Reactor

**TASK TITLE**: 1.23.1 “WS on thermal-hydraulics analysis for safe operation of BNPP-1

**MISSION DETAILS**:

**DUTY STATION**(**S**):

Nuclear Power Production and Development Company of Iran, Teheran, Iran, Islamic Republic of

**EXPERT'S COUNTERPART**(**S**):

Mr. Mohammad Ghods

Nuclear Power Production and Development Company of Iran

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**DUTY PERIOD**:

Suggested start date: 2015-08-15

Total number of working days: 6

**DUTIES**:

The expert will develop and present lectures on the physics of thermal-hyrdaulic codes based on an agenda which is agreed upon with the counterpart.

**QUALIFICATIONS**: Expertise with the use and development of thermal-hydraulic system codes

**REQUIRED LANGUAGE**(**S**): ENG

**BACKGROUND PROJECT INFORMATION**:

To enhance the knowledge and competence of the operating staff in order to ensure the safe and reliable operation of Bushehr Nuclear Power Plant, Unit-1 (BNPP-1).