Official headed paper of the authority of Iran \*\*\* Atomic Energy Organisation of Iran (AEOI) \*\*

**OPTIONAL END-USE CERTIFICATION[[1]](#footnote-1)**

**for presentation to the export control authorities**

**of [UK] and the United Nations Security Council in accordance with the JCPOA**

**Section A – Parties**

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| Consignee (name, address website and contact details)  Mr Mohammed Ghods  General Director  TAVANA Company  Bushehr Nuclear Power Plant  Bushehr  Iran |
| End-user (name, address, website and contact details), if different from consignee  As above |
| Exporting entity/supplier (name, address and contact details)  Checkendon Hill Limited  Checkendon Hill House,  Stichens Green  Streatley  Berks,  RG8 9SX  Attn. Dr Simon Walker & Dr Mamdouh El Shanawany |

**Section B – Items (goods, software or technology)**

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| Description of the items (goods, software or technology)  Civil nuclear safety consultancy:- the provision of technology in the form of technical assistance, to the Bushehr Nuclear Power Plant (BNPP-1).  The ‘items’ are technology in the form of technical assistance. This technology will not be re-exported, re-transferred, or further distributed without prior consent of the exporting State.  "International" techniques in nuclear safety analysis are generally more advanced, in particular as they benefit from the very open sharing of ‘best practice’ worldwide between Operators and Regulators of nuclear power stations, and the nuclear engineering community generally. They thus provide the plant operator with better guidance as to how to make and keep his plant safe. The proposed support would comprise the review of safety analysis and accident management approaches at BNPP-1, and the comparison of these with the state of the art elsewhere, and the provision of advice regarding how to help bring Bushehr approaches in line with broader international ones. Such support, informed by knowledge of international practices, would thus contribute to reducing the hazard presented by this particular nuclear power station.  The particular areas in which it is proposed to offer support to BNPP-1 are:-  1-Development of Severe Accident Management Guidelines for BNPP-1.  2-Development of a PSA (Probablistic Safety Analysis) (‘Living PSA’) for BNPP-1.  3-Advice regarding safety analysis of operational events/accident using deterministic approaches, by thermal hydraulic computer codes, for BNPP-1.  4-Validation and verification of safety analyses of BNPP-1.  5-Development of a Severe Accident analysis model for BNPP-1.  6-Improvement of performance indicators of BNPP-1. |
| Quantity/Weight (in case of technology not applicable)  Not applicable |

**Section C – End-use/Purpose of the items**

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| Purpose of the items (goods, software or technology). Please specify:  The items are technology in the form of technical assistance, and their purpose is to provide support to the nuclear plant operators of the Bushehr power plant on civil nuclear safety to help ensure that their safety achieves international levels. |
| a. Goods will be used in the form received and will not be re-exported, re-transferred, or further distributed without prior consent from the exporting State 🞏X. The items are technology in the form of technical assistance. This technology will not be re-exported, re-transferred, or further distributed without prior consent of the exporting State.  b. Goods will be incorporated into the following products: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and will not be re‑exported, re-transferred, or further distributed without prior consent from the exporting State 🞏.  c. Goods or incorporated goods are to be re-sold, re-exported, or further distributed to the following end users \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for the following end products \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 🞏. |
| * if the items (goods, software or technology) are to be incorporated into or used for the development, production, use or repair of another item please describe that item, its purpose and end-user:   The safety advice to be provided is advice for a power station, the product of which is electricity to be supplied to the Iranian electricity network and via this the Iranian population in general. |

**Section D – End-use location**

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| Bushehr Nuclear Power Plant |

**Section E – Certification of the end-user undertaking by the end-user**

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| The stated end-use (**Section C**) and end-use location (**Section D**) is hereby attested.  The end-user will not use the above-mentioned items and any replica thereof (or, in the case of technology any derived items) in the storing, processing, producing and developing of, or in any other way related to, weapons of mass destruction and their delivery systems or any use other than we declared above.  The end-user will permit the exporting state to verify the end-use of the above-mentioned items, materials, equipment, goods and technology set out in INFCIRC/254/Rev.9/Part2.   |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Place, Date | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Original signature | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Official seal (if applicable) | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Name and title of signer in block letters | |

**Section F – Certification of the end-user undertaking by the appropriate authority of Iran**

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| This is to certify that the above-mentioned items and any replica thereof (in case of technology also derived goods) will be used for:   |  |  | | --- | --- | | * Iran’s nuclear programme as set out in the JCPOA | 🞏 | | * a non-nuclear civil end-use consistent with the JCPOA | 🞏 |   The stated end-use (**Section C**) by the importing entity and end-use location (**Section D**) is hereby attested.  Iran will not use the above-mentioned items and any replica thereof (or, in the case of technology any derived items) in the storing, processing, producing and developing of, or in any other way related to, weapons of mass destruction and their delivery systems or any use other than we declared above.  Iran will not retransfer the above-mentioned items within Iran without prior consent from the exporting State. Iran will meet the requirements of the guidelines as set out in INFCIRC/254/Rev.12/Part 1 and INFCIRC/254/Rev.9/Part 2.  Iran will permit the exporting State to verify the end-use of the above-mentioned items, materials, equipment, goods and technology set out in INFCIRC/254/Rev.9/Part2.  Iran will provide to the IAEA access to the locations of intended use of all items, materials, equipment, goods, and technology set out in INFCIRC/254/Rev.12/Part 1.   |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Place, Date | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Original signature | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Official seal | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Name and title of signer in block letters | |

1. Proposals submitted by States to engage in certain activities with Iran in accordance with UNSC Res. 2231 (2015) and the Joint Comprehensive Plan of Action (JCPOA) are protected under the confidentiality procedure of the UN, per paragraph 3.4 of Annex IV of the JCPOA. [↑](#footnote-ref-1)