

**IAEA**

Atoms for Peace and Development

Derestricted 9 June 2021*(This document has been derestricted at the meeting of the Board on 9 June 2021)*

Board of Governors

GOV/INF/2021/22

Date: 13 April 2021

Original: English

For official use only

Verification and monitoring in the Islamic Republic of Iran in light of United Nations Security Council resolution 2231 (2015)

Report by the Director General

1. This report of the Director General to the Board of Governors and, in parallel, to the United Nations Security Council (Security Council), is on the Islamic Republic of Iran's (Iran's) implementation of its nuclear-related commitments under the Joint Comprehensive Plan of Action (JCPOA) in relation to its enrichment-related activities. It provides an update on developments since the Director General's previous reports.¹

Activities Related to Enrichment

2. In an updated design information questionnaire (DIQ) for the Pilot Fuel Enrichment Plant (PFEP) at Natanz, dated 13 April 2021, Iran informed the Agency that it intends to start producing UF₆ enriched up to 60% U-235² at PFEP.

3. In addition to the current mode for the production of UF₆ enriched up to 5% U-235 using the two cascades of IR-4 and IR-6 centrifuges installed in research and development (R&D) lines 4 and 6 at PFEP, the updated DIQ described two further modes for operating these cascades for the intended production of UF₆ enriched up to 60% U-235, as follows:

- Feeding UF₆ enriched up to 5% U-235 into the two cascades of IR-4 and IR-6 centrifuges for the production of UF₆ enriched up to 60% U-235; and

¹ GOV/2021/10, GOV/INF/2021/17, GOV/INF/2021/19, GOV/INF/2021/20 and GOV/INF/2021/21.

² JCPOA, 'Annex I – Nuclear-related measures', para. 28.

- Feeding UF₆ enriched up to 5% U-235 into the cascade of IR-6 centrifuges for the production of UF₆ enriched up to 60% U-235. The tails produced from the cascade of IR-6 centrifuges will be fed into the cascade of IR-4 centrifuges for the production of UF₆ enriched up to 20% U-235.