

**IAEA**

Atoms for Peace and Development

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Board of Governors

GOV/INF/2021/23

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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. As previously reported,² on 13 April 2021, Iran informed the Agency that it intended to start producing UF₆ enriched up to 60% U-235³ at the Pilot Fuel Enrichment Plant (PFEP) at Natanz.

3. On 14 April 2021, the Agency verified that Iran had almost completed preparations to start feeding UF₆ enriched up to 5% U-235 into the cascade of IR-6 centrifuges in research and development (R&D) line 6 for the production of UF₆ enriched up to 60% U-235 at PFEP. The tails produced from the cascade of IR-6 centrifuges will be fed into the cascade of IR-4 centrifuges in R&D line 4 for the production of UF₆ enriched up to 20% U-235 at PFEP.

4. The Agency also verified that a feed cylinder containing UF₆ enriched up to 5% U-235 had been positioned in the feed station and that two other cylinders had been immobilized and positioned to collect the products, i.e. UF₆ enriched up to 60% U-235 and UF₆ enriched up to 20% U-235. The Agency was

¹ GOV/2021/10, GOV/INF/2021/17, GOV/INF/2021/19, GOV/INF/2021/20, GOV/INF/2021/21 and GOV/INF/2021/22.

² GOV/INF/2021/22.

³ JCPOA, 'Annex I – Nuclear-related measures', para. 28.

informed by Iran that the necessary pipework was being finalized and that feeding of UF₆ would start soon thereafter.