



Board of Governors

GOV/INF/2022/25

Date: 29 November 2022

Original: English

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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

Pilot Fuel Enrichment Plant

2. As previously reported, on 2 November 2022, the Agency verified that Iran was feeding UF₆ enriched up to 5% U-235 into two interconnected cascades in research and development (R&D) production lines 4 and 6 at the Pilot Fuel Enrichment Plant (PFEP) at Natanz,² comprising up to 164 IR-4 and up to 164 IR-6 centrifuges, respectively, to produce UF₆ enriched up to 60% U-235 and that the tails produced from line 6 were being fed into the cascades of IR-5 and IR-6s centrifuges in R&D production line 5 to produce UF₆ enriched up to 5% U-235.³

¹ GOV/2022/62 and GOV/INF/2022/24.

² The cascades in R&D production lines 4, 5 and 6 were being operated at that time as described in GOV/2022/62, para. 24, first bullet.

³ The cascades of IR-5 and IR-6s centrifuges in R&D production line 5 (referred to by Iran as "cascade 5"), equipped with modified sub-headers that would enable Iran to change the operating configuration more easily, can either be operated in parallel or as a single cascade.

3. In a letter dated 19 November 2022 (received by the Agency on 21 November 2022), Iran informed the Agency that it intended to start installing “IR-6, IR-4 and IR-2m centrifuge machines in addition to IR-6s and IR-5 machines in cascade 5” at PFEP. Iran informed the Agency that the updated design information questionnaire (DIQ) was “available in the facility” for Agency examination and verification.

4. The Agency conducted at PFEP design information examination (DIE) on 22 November 2022, and design information verification (DIV) on 27 November 2022, during which it verified that the installation of IR-2m, IR-4 or IR-6 centrifuges in R&D production line 5 had yet to begin.

Fordow Fuel Enrichment Plant

5. As previously indicated,⁴ in a letter dated 25 November 2022, the Agency informed Iran of the required increase in the frequency and intensity of its verification activities at the Fordow Fuel Enrichment Plant (FFEP) in accordance with the Safeguards Agreement. On 26 November 2022, the Agency began discussions with Iran for this purpose at FFEP.

⁴ GOV/INF/2022/24, para. 10.