

Board of Governors

GOV/INF/2021/24

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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. In an updated design information questionnaire (DIQ) for the Fuel Enrichment Plant (FEP) at Natanz, dated 9 April 2021 and received by the Agency on 12 April 2021, Iran informed the Agency that it intends to install six additional cascades of IR-1 centrifuges at FEP comprising a total of 1024 centrifuges.

3. According to the updated DIQ, Iran intends to use 6084 IR-1 centrifuges installed in 36 cascades for the enrichment of UF₆ up to 5% U-235 at FEP.²

4. In previous updates of the DIQ for FEP, Iran had informed the Agency that it also intended to use 1044 IR-2m centrifuges installed in six cascades, 348 IR-4 centrifuges installed in two cascades and 174 IR-6 centrifuges installed in one cascade for the enrichment of UF₆ up to 5% U-235 at FEP.

¹ GOV/2021/10, GOV/INF/2021/17, GOV/INF/2021/19, GOV/INF/2021/20, GOV/INF/2021/21, GOV/INF/2021/22 and GOV/INF/2021/23.

² JCPOA, 'Annex I – Nuclear-related measures', para. 27.

5. On 3 April 2021, the Agency verified that Iran was using 5060 IR-1 centrifuges installed in 30 cascades,³ 696 IR-2m centrifuges installed in four cascades and 174 IR-4 centrifuges installed in one cascade to enrich natural UF₆ up to 5% U-235 at FEP.

³ The 5060 IR-1 centrifuges installed in 30 cascades remained in the configurations in the operating units at the time the JCPOA was agreed.