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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 in addition to the 30 cascades of IR-1 centrifuges provided for under the JCPOA,³ Iran had informed the Agency that it intended to install another 27 cascades at the Fuel Enrichment Plant (FEP) at Natanz for the purpose of producing UF₆ enriched up to 5% U-235 – six IR-1 cascades, twelve IR-2m cascades, six IR-4 cascades, and three IR-6 cascades.

3. In a letter received by the Agency on 4 October 2022, Iran informed the Agency that it intended to install an additional three cascades of IR-2m centrifuges at FEP, and that it had updated the design information questionnaire (DIQ) for FEP accordingly.

4. On 9 October 2022, the Agency verified at FEP the following: 36 IR-1 cascades, six IR-2m cascades, two IR-4 cascades and three IR-6 cascades were being fed with natural UF₆ to produce UF₆ enriched up to 5% U-235; one IR-4 cascade and six IR-2m cascades were fully installed but had yet to be used to enrich UF₆; the installation of two of the three aforementioned additional IR-2m cascades had

¹ GOV/2022/39 and GOV/INF/2022/22.

² GOV/2022/39, paras 15–20.

³ JCPOA, 'Annex I – Nuclear-related measures', para. 27.

started; and the installation of the remaining three IR-4 cascades and one IR-2m cascade had yet to begin.