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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 Iran has installed three IR-6 cascades at the Fuel Enrichment Plant (FEP) at Natanz, each of which comprises up to 174 IR-6 centrifuges. As also previously reported,³ on 28 August 2022, the Agency verified that one of these cascades was being fed with UF₆ enriched up to 2% U-235 for the production of UF₆ enriched up to 5% U-235; that a second cascade was being fed with depleted UF₆ for passivation purposes (whereby the tails and product are recombined); and that the third IR-6 cascade had not been fed with nuclear material.

3. On 30 August 2022, Iran informed the Agency that on 29 August 2022 it had started feeding the second IR-6 cascade with UF₆ enriched up to 2% U-235 for the production of UF₆ enriched up to 5% U-235. On 31 August 2022, the Agency verified at FEP that Iran was feeding the two IR-6 cascades

¹ GOV/2022/24, GOV/INF/2022/13, GOV/INF/2022/14, GOV/INF/2022/15, GOV/INF/2022/16, GOV/INF/2022/17 and GOV/INF/2022/18.

² GOV/INF/2022/17, para. 6.

³ GOV/INF/2022/18, para. 4.

with UF₆ enriched up to 2% U-235 for the production of UF₆ enriched up to 5% U-235; and that the third IR-6 cascade had not been fed with nuclear material.