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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 a letter dated 1 June 2022 and received by the Agency on 6 June 2022, Iran informed the Agency that the operator of the Fordow Fuel Enrichment Plant (FFEP) "intends to feed UF₆ to the one IR6 installed cascade".² On the same day, the Agency requested Iran to clarify which of the two cascades of IR-6 centrifuges installed at FFEP the operator intended to feed and which of the declared modes of production for the facility the operator intended to implement.³

3. On 18 June 2022, the Agency verified at FFEP that, in preparation for the production of enriched uranium, Iran was ready to begin feeding UF₆ into the second cascade of 166 IR-6 centrifuges - the one

¹ GOV/2022/24, GOV/INF/2022/13 and GOV/INF/2022/14.

² JCPOA, 'Annex I – Nuclear-related measures', Sections G and H.

³ According to the latest design information questionnaire (DIQ) for FFEP, the cascades of IR-6 centrifuges can be fed either with natural UF₆ to produce UF₆ enriched up to 5% U-235 or with UF₆ enriched up to 5% U-235 to produce UF₆ enriched up to 20% U-235 (GOV/2022/24, para. 20).

with modified sub-headers⁴ - for passivation purposes (whereby the tails and product are recombined).⁵ On 20 June 2022, Iran informed the Agency that passivation of the cascade had begun on 19 June 2022.

4. The Agency has yet to receive clarification from Iran as to which mode of production it intends to implement for the aforementioned cascade, following the completion of passivation.

⁴ These modified sub-headers would enable Iran to change the operating configuration of the cascade more easily.

⁵ GOV/2022/24, para. 23.