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Approved for Release  
Date MAR 2000

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[REDACTED]

**INDIA:**

**New Unsafeguarded Nuclear Facilities**

[REDACTED] the Indians have begun to construct nuclear facilities that probably will not be safeguarded under the International Atomic Energy Agency. [REDACTED]

Construction activity [REDACTED] shows two reactors under construction near Kakrapar and a new heavy water plant being built [REDACTED]. The reactors to be installed at Kakrapar will be built indigenously and based on the 235-megawatt CANDU-type pressurized heavy water reactors in operation at other Indian nuclear power stations. [REDACTED]

According to published reports of the Indian Department of Atomic Energy, the reactors are to be completed in 1992. [REDACTED]

The heavy water plant [REDACTED] is scheduled to be completed in 1988 with annual capacity of 185 metric tons. [REDACTED]

**Comment:** The construction of these facilities reflects the continuing commitment of the Indians to expand their nuclear program. Although the purpose of both facilities is to increase electric power production, plutonium from the reactors' spent fuel could be reprocessed and used in breeder reactors or in nuclear weapons. [REDACTED]

[REDACTED]

Heavy water production has been a continuing problem for the Indians. As a result, they have relied on imported heavy water from the USSR. The production capacity of the plant [REDACTED] along with that of a heavy water plant under construction [REDACTED] will increase Indian heavy water capacity substantially and may reduce the need for Soviet heavy water, which Moscow has placed under IAEA safeguards. [REDACTED]

28 Nov. 1984

[REDACTED]