न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
Nuclear Power Corporation Of India Limited

न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड
(भारत सरकार का उद्यम)
NUCLEAR POWER CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

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प्रतीक अग्रवाल
उत्कृष्ट वैज्ञानिक
अधिशासी निदेशक (सीपी एवं सीसी)
PRATEEK AGRAWAL
Outstanding Scientist
Executive Director (CP&CC)

16th February, 2026

Press Release

Tarapur Atomic Power Station, Unit-1 Reconnected To Grid After Landmark Life Extension Activities

Tarapur Atomic Power Station, Unit-1 (TAPS-1) has successfully completed a comprehensive life-extension programme and is reconnected to the electricity grid, marking a significant milestone in India's nuclear power programme.

Commissioned in 1969, TAPS-1&2 were Asia's first nuclear power reactors outside the erstwhile Soviet Union. After more than five decades of safe operation, the units were taken offline for renovation, modernisation and ageing-management activities, which have been executed under stringent regulatory oversight.

The life-extension programme, implemented in line with global nuclear safety standards with enhanced safety margins, and strengthened long-term operational reliability.

Key activities included replacement of reactor recirculation piping with advanced corrosion-resistant material, 3D laser scanning, refurbishment of Turbine-Generator system, improvements in electrical systems etc.

Similarly activities in Unit#2 are in advance stage of completion and the unit is expected to be connected to the grid shortly.

The successful completion of such complex activities in this reactor type, reflects NPCIL's engineering excellence and strong Renovation & Modernisation capability. TAPS-1&2 are the oldest reactors in operation in the world.

Over their lifetime, TAPS-1&2 have generated more than 1,00,000 million units of clean electricity, averting release of more than 86 million tonnes CO_2 equivalent into the environment. The successful completion of these high-end, intricate and specialized activities once again demonstrated the expertise, maturity and strength of NPCIL.

16/02/2026
(Prateek Agrawal)

Corporate Planning &
Corporate Communication

TAPS – 1&2

राष्ट्र की सेवा में परमाणु
एनपीसीआईएल
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PRESS RELEASE

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