

MAJOR ACHIVEMENTS OF NPCIL IN JULY 2020

1. A major commissioning milestone i.e. “First Criticality” (controlled self-sustaining nuclear fission chain reaction for the first time) of First Indigenous 700 MW Pressurised Heavy Water Reactor (KAPP-3) was achieved on July 22, 2020 at 09:36 hours.
2. Bleed Cooler and Regenerative Heat Exchanger installation was completed in Pump Room of KAPP-4.
3. Installation of Guide tube assemblies of Control Rod mechanism, Guide tube assemblies of Adjuster Rod mechanism and Ion Chamber Housing is completed in RAPP-7.
4. Seventeenth Break Bulk (BB) vessel containing $\approx 4,200$ FRT (Freight Ton) project cargo arrived at Tuticorin port on July 11, 2020 for KKNPP-3&4.
5. Concreting of cavity walls up to +14.7 m is completed in Reactor Building in KKNPP-3.
6. RAPS-5 registered continuous operation of 472 days after which it was manually shutdown on July 29, 2020 for maintenance activities. NAPS-2 (706 days) continued safe and reliable operation for more than a year. So far, continuous operation for more than a year has been achieved 34 times by various reactors of NPCIL.
7. Generation by all units of NPCIL was 3358 MUs during the month.
8. Ten Reactors registered 100% Availability Factor during the month.