

Both nations reaffirmed their commitment to cooperation on shared nuclear non-proliferation and security objectives, and the members were encouraged to continue their efforts and report their outcomes during the next working group meeting, which will be held in Japan in 2020.

The working group is one of five under the U.S.-Japan Bilateral Commission on Civil Nuclear Cooperation. The U.S. delegation was represented by NNSA, the National Security Council, the Departments of State and Defense, and the Nuclear Regulatory Commission.

## SOUTH KOREA

### Shin-Kori-4 starts commercial operation

Unit 4 at the Shin-Kori nuclear plant in Kori, South Korea, began commercial operation on August 29, according to owner-operator Korea Hydro & Nuclear Power Company (KHNP). The reactor can operate for 60 years and will generate about 12 percent of the electricity used in the country's southeastern cities. Shin-Kori-4 and its sister unit, Shin-Kori-3, are APR-1400 reactors, the first South Korean-designed Generation III units to go into production. A statement from KHNP said Unit 3



Photo: Korea Hydro & Nuclear Power Company

Korea Hydro & Nuclear Power Company held a ceremony in the main control room of Shin-Kori-4 on August 29 to commemorate the starting of commercial operation for the reactor.

recently completed one cycle of 389 days without any problems.

Unit 4 was issued an operating permit by the country's Nuclear Safety and Security Commission (NSSC) on February 1, allowing fuel loading to commence. After functional tests were carried out, plant start-up procedures began, and initial criticality was achieved on April 8 (NN, May 2019, p. 18). The construction of Unit 4,

which began in 2009, was delayed by new safety measures introduced by the NSSC following the Fukushima Daiichi accident in Japan, and was completed in 2017. The new measures included additional seismic safety reviews and inspections. Construction of two additional APR-1400s, Shin-Kori-5 and -6, is continuing.

Shin-Kori-4 is the 25th nuclear power unit on the South Korean grid. The nation



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