

“Niigataken Chuetsu-oki Earthquake and its Influences on the Kashiwazaki-Kariwa NPP”

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A report on the summary of the incident at the Kashiwazaki-Kariwa Nuclear Power Plant caused by the Niigataken Chuetsu-oki Earthquake magnitude M6.8 that occurred on July 16.

The post-disaster situation of buildings and facilities was reported by use of moving images and photos. At the present point in time, the following facts have been revealed.

- At the same time as the occurrence of the earthquake, all the nuclear reactors in operation were automatically stopped by the emergency scram.
- The heat was removed from all the plants immediately.
- It was verified that all the materials had been confined within the nuclear reactors at all the plants.
- No damage was observed on important safety-related facilities in any plants.
- Water in the spent fuel pool leaked into the sea. However, with no radioactivity detected by the radioactivity monitors mounted by the municipality, there was no significant radioactivity discharge to worry about.

Our future issues include the improvement of fire protection equipment and the improvement of means of information transfer. In addition, for appropriate accident response, the conservation of the office building is considered to be important as well as the conservation of facilities. With further detailed inspections required to enable re-operation of the plants, we are continuously performing inspections.



Main Incidents found in Inspections

Leakage of water including radioactive materials into non-controlled area in the reactor building (Unit 6)

Displacement of the main exhaust duct (Unit 3)

Damage found on the coupling of the drive axis of the reactor building overhead crane (Unit 6)

Fire on the house transformer B (Unit 3)

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