

News Release

Ministry of Economy,
Trade and Industry (METI)

PRI-07-24

Press Release Information	Nuclear and Industrial Safety Agency (NISA), Ministry of Economy, Trade and Industry (METI)
Leakage of Radioactive Materials at Kashiwazaki-Kariwa Nuclear Power Station Unit 6, Tokyo Electric Power Company, due to "the Niigataken Chuetsu-oki Earthquake in 2007".	

July 17, 2007

NISA/METI

On July 16, 2007, Nuclear and Industrial Safety Agency (NISA) received the following report from Tokyo Electric Power Company concerning leakage of radioactive materials at Kashiwazaki-Kariwa Nuclear Power Station Unit 6.

(Excerpts from the report from Tokyo Electric Power Company)

As the results of Chuetsu Coast Earthquake in Niigata Prefecture occurred on July 16, 2007, leakage of water was identified in the non-controlled areas of third floor and medium third floor in the reactor building of Unit 6, Kashiwazaki-Kariwa Nuclear Power Station, which has then been under the periodic inspection outage. The investigation of the leaked water revealed that leaked water at the third floor was about 0.6 liter and its activity was about $2.8 \times 10^2 \text{Bq}$, while the leaked water at the medium third floor was about 0.9 liter and its activity was about $1.6 \times 10^4 \text{Bq}$.

It was also confirmed that the leaked water from the concerned non-controlled areas was discharged to the sea through drainage path in the station. Its amount and activity were estimated to be about 1.2m^3 and about $6.0 \times 10^4 \text{Bq}$, respectively.

Tokyo Electric Power Company estimated that the contribution of the concerned radioactive materials to the 3 month averaged concentration would be less than $2 \times 10^{-10} \text{Bq/cm}^3$ outside the environment surveillance area due to dilution. This value is evaluated to be largely below 0.2Bq/cm^3 which is specified by the ordinance as the 3 month averaged concentration limit for the radioactive release to the outside of the environment surveillance area.

(Assessment by NISA)

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The Nuclear Safety Inspector confirmed that discharge of the leaked water containing radioactive materials was already terminated.

The Nuclear Safety Inspector also confirmed that the estimation of Tokyo Electric Power Company was adequate.

NISA required Tokyo Electric Power Company to continue strict control to prevent discharge to the outside of environment surveillance area, and instructed to establish a rigid reporting system and to investigate the root cause of the event and to provide measures against its recurrence as soon as possible.

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