Ministry of Economy, Trade and Industry

06.13.2011 N No. 10
June 15, 2011

To the addressees (see “Addressees”)

Minister of Economy, Trade and Industry, Banri Kaieda,

Regarding the Implementation of Measures at Reprocessing Facilities Taking into Account the Measures Related to Severe Accident Response at Nuclear Power Stations (Instructions)

In “The Implementation of Emergency Safety Measures at Nuclear Reprocessing Facilities Taking into Account the 2011 Accident at the Fukushima Dai-ichi Nuclear Power Station(NPS), etc. (Instructions)” (2011/04/28 N No. 72, dated May 1, 2011), the Ministry of Economy, Trade and Industry (hereinafter referred to as “the Ministry”) instructed reprocessing operators to implement emergency safety measures assuming total loss, due to tsunami and other phenomena, of all systems that supply AC power, all facility for preventing an accumulation of hydrogen in those systems at risk of generating hydrogen, and all systems that remove excess heat from sources such as decay heat from radioactive material, taking into account accidents such as those at TEPCO’s Fukushima Dai-ichi and Dai-ni NPS. The Ministry received implementation reports from the operators and carried out stringent verification, and as a result verified that emergency measures were being implemented appropriately.

On June 7, the Ministry also instructed individual utility companies, in “Regarding Implementation of Preparatory Measures for Severe Accidents in Other NPSs Taking into Account the 2011 Accident at Fukushima Dai-ichi NPS, TEPCO (Direction)” (2011/06/07 N No. 2), to carry out all measures that demand immediate implementation, at nuclear power stations other than TEPCO’s Fukushima Dai-ichi NPS.
Given that a response that takes these into account is also called for in reprocessing facilities, the Ministry requires that the following be carried out as measures demanding immediate implementation, and that the status of implementation be reported by the 22nd of this month.

Required Items

1. Securing an operational environment for the control room
   Implement measures to ensure radiological and other protection for, and the preservation of, the operational environment in the control room, in order to more smoothly carry out operations in the control room in an emergency, even in the event of loss of all AC power.

2. Securing communication within the reprocessing facility in an emergency
   Implement measures to secure a means of communication within the plant facility, in order to more smoothly carry out operations in the reprocessing facility in an emergency, even in the event of loss of all AC power.

3. Securing supplies such as high-level radiation suits, and organizing a radiation control system
   Implement measures, including an arrangement with other operators, to secure supplies and equipment such as high-level radiation protective suits and personal dosimeters, and organize a system to supplement personnel capable of radiation control in an emergency, in order to further ensure the integrity of radiological protection and radiation control by and for workers.

4. Deployment of heavy machinery for rubble removal
   Implement measures to enable swift removal of rubble generated by tsunamis and other forces, such as the deployment of wheel loaders and other heavy machinery, in order to further speed up operations in the reprocessing facility in an emergency.
Addressees:
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Independent Administrative Corporation, Japan Atomic Energy Agency:
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