

October 3, 2011  
Nuclear and Industrial Safety Agency

## Regarding the Direction on “The Concept of Securing the Mid-Term Safety” for Units 1 to 4 at Fukushima Dai-ichi Nuclear Power Station, Tokyo Electric Power Co., Inc.

On October 3, 2011, the Nuclear and Industrial Safety Agency (NISA) presented “The Concept of Securing the Mid-Term Safety for Units 1 to 4 at Fukushima Dai-ichi Nuclear Power Station (NPS), Tokyo Electric Power Co., Inc. (TEPCO)” (hereinafter referred to as “the concept of securing the mid-term safety”) to TEPCO, requesting them to conform to it (See Appendix 1). On the same day, NISA requested TEPCO to submit a report by October 17 on the safety assessment results, as well as a facility operation plan based on the basic targets of “the concept of securing the mid-term safety” for the facilities, pursuant to the provisions of Article 67, paragraph 1 of the Act on the Regulation for Nuclear Source Materials, Nuclear Fuel Materials and Reactors (Act No. 166, 1957). Upon receipt of the report, NISA will verify the safety (See Appendix 2).

1. At the Fukushima Dai-ichi NPS, TEPCO, efforts are now being made to settle down the accident, aiming to achieve the state where “release of radioactive materials is under control and radiation dose is being significantly held down”, which is the targets for Step 2 of “Roadmap towards Restoration from the Accident of Fukushima Dai-ichi Nuclear Power Station, TEPCO”.
2. After the target for Step 2 is achieved, a certain period of time for preparation is required for initiating the specific operation of reactor decommissioning.
3. Taking into account the above, NISA has decided to define basic targets and requirements for ensuring safety at the Fukushima Dai-ichi NPS, TEPCO during the preparation period (within nearly three years) until the operation is initiated for reactor decommissioning after the completion of Step 2, and request TEPCO to take deliberate actions

accordingly (See Appendix 1).

4. Specifically, it is required that the basic targets and requirements be conformed, which will be defined by NISA for the facilities of TEPCO, to 1) control and mitigate the release of radioactive materials, 2) properly remove the decay heat, 3) prevent criticality, and 4) prevent hydrogen explosion. Further, NISA requested TEPCO to submit a report by October 17 regarding the circulating injection cooling system, which is one of the requirements for cold shutdown as part of the targets for Step 2, and to submit reports promptly on other subjects (See Appendix 2).
5. After receiving the report from TEPCO, NISA will evaluate its contents and confirm the safety, taking into account opinions obtained from the outside experts.

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