Press Release

December 19, 2012
Nuclear Regulation Authority

Regarding evaluation of the revised reports from TEPCO based on the “Policy on the Mid-term Security” for Units 1 to 4, Fukushima Dai-ichi Nuclear Power Station, Tokyo Electric Power Co., Inc.

The NRA has received the reports from TEPCO dated November 14 and 30 on the revision relating to the facility management plan based on the “Policy on the Mid-term Security” for Units 1 to 4, Fukushima Dai-ichi NPS. The NRA evaluated the report at the 20th NRA Commission Meeting held on December 19, 2012.

1. Sequence of the events
   (1) Fukushima Dai-ichi NPS, TEPCO, has been designated as the Specified Nuclear Power Facilities, and its implementation plan based on the “items required for measures” has been on the process of evaluation. Before its approval, the evaluation of the facility management plan is to be conducted in terms of urgent necessity. (approved by the NRA on November 7).
   (2) The NRA has received the reports on the revision dated November 14 and 30 from TEPCO relating to the facility management plan based on the “Policy on the Mid-term Security” for Units 1 to 4, Fukushima Dai-ichi NPS, TEPCO (Already announced on November 14 and 30, 2012), and the NRA evaluated the reports at the 20th NRA Commission Meeting held on December 19, 2012.

2. Outline of the report
   The NRA has evaluated the reports from TEPCO today, and the outline of the reports is as follows:

   [Report dated November 14]
   The crane load for the cover-shaped device for removing spent fuel in Unit 4 used to be calculated with the basic-design crane weight, however, the crane weight of the device has been changed by the detailed design, and therefore, the crane load has been changed.

   [Report dated November 30]
   The opening section of Unit 2 will be shut by a panel as a measure to curb the amount
of the released radioactive material. The panel structure will be fixed to the wall near the opening section of the reactor building, and a ventilation device with a filter will be installed for air ventilation after shutting-off with the panel. The heads of the Unit 4 PCV (PCV Head) and Unit 4 RPV (RPV Head) will be stored at Area “U”, a temporary storage area added in the southern area of the site.

3. Evaluation by the NRA
The NRA has confirmed the following matters in the reports from TEPCO.

[Report dated November 14]
The revisions include the crane supporting structure, base slab, the structural strength of improved ground, and seismic assessment. Each revision will be for securing safety.

[Report dated November 30]
The weight of the installed panel structure is designed to be less than approximately 0.1% to the weight of the reactor building, which will not have an impact on the integrity of the reactor building in terms of the basic design ground motion S2. Gaseous radioactive material discharged from Unit 2 reactor building is to be controlled using the newly installed ventilation device. The PCV head of Unit 4, etc. has been covered with a sheet for preventing scattering and spreading of radioactive material, and also, the area was compartmented with a rope as measures for radiological protection of workers.

The NRA made a judgment that the above-mentioned measures were imperative for securing safety of the public and the workers.

The NRA may later request TEPCO for additional responses depending on the review results on the implementation plan relating to the Specified Nuclear Power Facilities.

Appendix:
Evaluation on the cover-shaped device for spent fuel removal in Unit 4 in the “Report (No.2) on the facility management plan based on the “Policy on the Mid-term Security” to Units 1 to 4 at Fukushima Dai-ichi NPS, TEPCO” (Available only in Japanese)

Evaluation on the revision in “2. Radiation monitoring” and “4. Manual on the management of radiation exposure of the radioactive material and the items
contaminated by radioactive material, and disposal of radioactive waste” in the “Report (No.3) (Revised) on the facility management plan based on the “Policy on the Mid-term Security” to Units 1 to 4 at Fukushima Dai-ichi NPS, TEPCO” (Available only in Japanese)

(Contact Person)
Mr. Mamoru Maeoka
Policy Review and Public Affairs Division,
Nuclear Regulation Authority
Phone:+81-(0)3-5114-2107