

Investigation items for the Final Report

January 25, 2012

1. Investigation items continued to be handled in the Final Report

(1) Chapter II (damages at Units 1 through 4 of Fukushima Daiichi NPS)

- Explosions (R/Bs) at Units 1, 3 and 4
- Condition of reactor pressure vessels and containment vessels at Units 1 through 3
- Condition of major cooling facilities at Units 1 through 3
- Status of the loss of DC power

(2) Chapter III

- Process of decision-making at the fifth floor of the Prime Minister's Office
- Activities at the local emergency response headquarters
- Events relating to the enhancement of the function of the Nuclear Safety Commission and the appointment of councilor
- Events relating to the reformation of organizations on May 6
- Activities of Councilor Osako
- Procedure for the transfer of authority to the local emergency response headquarters
- Events relating to the relocation of the Off-site Center to the Fukushima Prefectural Office

(3) Chapter IV (on-site emergency response activities at Units 1 through 4 of Fukushima Daiichi NPS)

- Restoration of external power
- In addition, the Investigation Committee will expend efforts towards collecting new findings while conducting investigation on (1) described above.

(4) Chapter V-1 (Monitoring)

- Allocation of monitoring-related responsibilities on March 16

(5) Chapter V-2 (SPEEDI)

- Publication of prediction data from SPEEDI (public announcement of predicted results for March 23 and May 2, etc.)
- Sharing of prediction data from SPEEDI at the Prime Minister's Office on March 12

- Transfer of responsibility concerning the administration of SPEEDI
- Monitoring on radioactive materials within the framework of CTBT

(6) Chapter V-3 (evacuation)

- Process of decision-making concerning instructions on evacuation
- Process of decision-making concerning the determination of the alert zone, prepared emergency evacuation areas and planned evacuation areas
- Local-level adjustments concerning prepared emergency evacuation areas and planned evacuation areas
- Discussion on evacuation areas on March 23 based on prediction data from SPEEDI
- Determination of specially designated evacuation-recommended areas
- Calling off of evacuation areas, etc.
- Survey on thyroid gland radiation exposure in children

(7) Chapter V-4 (exposure)

- Process of discussion concerning the raising of the maximum allowable exposure dose for emergency workers to 500mSv
- Events relating to input from the Nuclear Safety Commission about the screening level failing to be communicated to the local emergency response headquarters
- Reasonability of 100,000cpm as the screening level
- Medical institutions for emergency treatment of radiation exposure
- Survey on the health of citizens in Fukushima Prefecture

(8) Chapter V-5 (contamination of agricultural products, soil, etc.)

- Contamination and inspection of agricultural, marine and livestock products (The Investigation Committee will give attention also to the causes of contamination.)
- Treatment of and guidelines on waste, sludge (from sewage), etc.
- Guidelines on the use of school grounds (reasonability of guidelines in view of the standard yearly dose limit of 20mSv for planned evacuation areas)

(9) Chapter V-6 (contaminated water)

- Treatment of contaminated water

(10) V-7 (gross discharge of radioactive materials)

- Timing of announcement of INES evaluation results
- Circumstances in which Level-7 announcement was made on April 12

(11) Chapter V-8 (supply of information to the people of Japan)

- Changes in the remarks made by the Nuclear and Industrial Safety Agency

- (NISA) about the reactor core condition
 - TEPCO's public relation activities and the involvement of the national government (about the publication of information on the condition of Unit 3)
 - Implications of "no immediate effect on human organism"
- (12) Chapter V-9 (supply of information to the international community)
- Status of coordination with the United States
 - Supply of information to other countries
 - Coordination with other countries
- (13) Chapter VI-3 (protection against tsunami)
- Causes of NISA failing to make efforts to establish tsunami evaluation guidelines, etc.
 - Review of findings on seismic activities off the coast of Fukushima Prefecture and along the Japan Trench and the responses of the national government, etc., to those findings
- (14) Chapter VI-4,5 (accident management, or "AM")
- Investigation on the initiatives for expanding the scope of AM to include external events in addition to internal events
 - Verification of utilities' PSA and AM activities by nuclear safety inspectors during PSRs
- (15) Chapter VI (other items)
- Background factors behind shortfalls in emergency response activities by the national government and TEPCO
 - NISA: the background of having failed to sufficiently protect the Off-site Center against radiation and the background of having failed to ensure protection against complex disasters
 - TEPCO: the background of having failed to make sufficient preparations against disasters
 - Background of NISA having had problems with the collection or accumulation of scientific findings and with the development of expert skills and capabilities
 - Questions around the adequacy of nuclear emergency response as stipulated by ongoing provisions of the Act on Special Measures Concerning Nuclear Emergency Preparedness and of nuclear emergency response manuals, and problems with the local emergency response headquarters
 - Questions regarding the sufficiency of involvement by the Nuclear Safety Commission
 - Questions regarding the sufficiency, in terms of completeness and promptness, of the effort made by the Nuclear Safety Commission for the preparation of guidelines on earthquake/tsunami protection measures
 - Role of secondary assessment by the Nuclear Safety Commission

2. New investigation items

(1) About Units 5 and 6 of Fukushima Daiichi NPS

- Damages
- On-site emergency response activities

(2) About Units 1 through 4 of Fukushima Daini NPS

- Damages
- On-site emergency response activities

(3) Evacuation of hospitalized patients, persons under nursing care, etc.

(4) Issues relating to international laws and standards

- Status of compliance with international laws
- Status of effort for compliance with IAEA standards
- Points to be addressed in the future by the IAEA safety guidelines

* Topics for investigation may be added or modified in the future in consideration of the progress of investigation activities, etc.