# Table of Contents

## Summary

## I. Introduction

## II. Situation regarding Nuclear Safety Regulations and Other Regulatory Frameworks in Japan before the Accident

1. Legislative and regulatory framework for nuclear safety
2. Mechanism for nuclear emergency responses

## III. Disaster Damage in Japan from the Tohoku District - off the Pacific Ocean Earthquake and Resulting Tsunamis

1. Damage by the earthquake and tsunami in Japan
2. Damage caused by the earthquake and tsunami hitting Fukushima NPSs
3. Seismic and tsunami damage to other NPSs
4. Assessment of earthquake and tsunami damage

## IV. Occurrence and Development of the Accident at the Fukushima Nuclear Power Stations

1. Outline of Fukushima Nuclear Power Stations
2. Safety Assurance and Other Situations in Fukushima NPSs
3. Condition of the Fukushima NPSs before the earthquake
4. Occurrence and progression of the accident at the Fukushima NPSs
5. Situation of Each Unit etc. at Fukushima NPS
6. Situation at Other Nuclear Power Stations
7. Evaluation of accident consequences

## V. Response to the Nuclear Emergency

1. Emergency response after the accident occurred
2. Implementation of environmental monitoring
3. Measures for agricultural products and drinking water, etc.
4. Measures for additional protected areas
5. Assessment of nuclear emergency response
VI. Discharge of radioactive materials to the environment
1. Evaluation of the amount of radioactive materials discharged to the air VI-1
2. Evaluation on the amount of radioactive materials discharged to the sea VI-4

VII. Situation regarding Radiation Exposure
1. Situation of radiation exposure concerning radiation workers and other related workers VII-1
2. Response to radiation exposure of residents in the vicinity and the overall situation VII-8
3. Evaluation of the status of radiation exposure VII-10

VIII. Cooperation with the International Community
1. Assistance from other countries VIII-1
2. Cooperation with international organizations VIII-2
3. Evaluation of cooperation with the international community VIII-3

IX. Communication regarding the Accident
1. Communication with residents in the vicinity and the general public in Japan IX-1
2. Communication with international community IX-7
3. Provisional evaluations based on rating of International Nuclear Events Scale (INES) IX-9
4. Evaluation on communication regarding the accident IX-10

X. Future Efforts to Settle the Situation regarding the Accident
1. The current status of reactors etc. of Fukushima Dai-ichi NPS X-1
2. Response to the “Roadmap towards restoration from the accident by the nuclear operator” X-3
3. Measures taken by the Japanese Government X-9

XI. Responses at Other Nuclear Power Stations
1. Emergency safety measures at other NPSs in light of the accident at Fukushima Dai-ichi and Fukushima Dai-ni NPSs XI-1
2. Shutdown of Hamaoka NPS XI-3
XII. Lessons Learned from the Accident Thus Far

XIII. Conclusion

NOTE: Evaluation in this report is preliminary and based on the facts gleaned about the situation so far.

Attachments