

# 2017 ISOE ATC Benchmarking Exchange for Radiation Protection

## ALARA Self-Evaluation and Optimisation Plan for Radiation Protection

1. **Date:** from 25<sup>th</sup> October 2017 to 27<sup>th</sup> October 2017.
2. **Venue:** Maizuru Grand Hotel, Tahakama Nuclear Power Plant (KEPCO), Nuclear Power Training Center, Ltd. (NTC), Nuclear Emergency Assistance Center (JAPC).
3. **Attendees:** Participants to ISOE.
4. **Program.** \*Korean-Japanese consecutive interpretation to be provided
  - 1) Introduction of ISOE Standards (by ATC).
    - A: Procedures and Overviews of Self-Evaluation.
    - B: System of Radiation Protection and ALARA Planning (incl. Education and Training).
    - C: Planning and Implementation of Radiation Protection (incl. Education and Training).
    - D: Reflection of Experience and Management of Radiation Protection.
  - 2) Introduction of Radiation Protection Planning at the Site (by KEPCO).
    - A: Overview of Radiation Protection Planning at the Site.
    - B: ALARA Planning.
    - C: Implementing lessons learned from experience.
  - 3) Comparisons with ISOE Standards (Group discussions).
    - A: Group Review (Evaluation).
    - B: Presentations of Group Evaluation.
  - 4) Plant Walkdowns (Site Visit).
    - A: Visit a Nuclear Power Plant and its Facilities related to Radiation Protection (Takahama NPP 3, 4).
    - B: Q&A and Discussion Session (Group Discussion and Presentation).
  - 5) Emergency Response and Preparedness.
    - A: Introduction of IAEA Standards (by ATC).
    - B: Introduction of Emergency Response at the Site (by KEPCO).
    - C: Visit a Facility Related to Severe Accident Management (Takahama NPP 1, 2).
  - 6) Technical Visit.
    - A: Visit Nuclear-related Facilities.

### [Time Table]

Date	Time	
Day 1	13:00-14:00	1) Introduction of ISOE Standards
	14:00-15:00	2) Introduction of Radiation Protection Planning at the Site
	15:30-17:00	3) Comparisons with ISOE Standards
	17:00-17:45	5) Emergency Response and Preparedness A
	18:00-	Welcome Reception
Day 2 Departure Time 8:40 Arrival Time 17:50	9:30-12:30	4) Plant Walkdowns A (Site Visit)
	12:30-13:30	Lunch
	13:30-15:00	4) Plant Walkdowns B (Discussion)
	15:10-15:30	5) Emergency Response and Preparedness B
	15:30-17:00	5) Emergency Response and Preparedness C
Day 3 Departure Time 8:40 Dismissed at Tsuruga Station around 15:00	10:00-11:30	6) Technical Visit Nuclear Power Training Center, Ltd.
	11:45-12:45	Lunch
	13:00-14:30	6) Technical Visit Nuclear Emergency Assistance Center (JAPC)

- The bus will be back to Nishimaizuru Station (arrive at around 16:30).