

ACTIONS TAKEN IN KOREA AFTER FUKUSHIMA ACCIDENT

Operation of Radiation Emergency Response System

- Operation of 24-hour KINS emergency response task force immediate after Japan NPP accident (March 11)
- Analysis of Japan NPP accident
 - Information gathering and assessment of the situation
- Evaluation of radiation effect and inspection of radiation contamination in airport and harbor
- Providing information and reinforcement of public communication to resolve public anxiety
 - Press briefing and answer to inquiries from phone calls and internet bulletin board

Reinforcement of Monitoring and Evaluation of Domestic Radiation Effect

- Ordinary day : monitoring of land and sea radioactivity

Class		Monitoring Period
Land	Atmosphere	airborne dust (every month), rainwater (every month), supplying water (every week), spatial dose rate, etc.
	Living & Environment	soil (twice a year), milk, rice, cabbage (harvest), etc.
Sea		sea water, marine life, 21 items inspection of deposit of sea bottom (twice a year)

- Reinforcement of monitoring after Japan NPP accident

Phase 1: after Japan NPP accident (March 11)

- Observation of spatial dose rate (nationwide 70 spots of environmental radiation monitoring network) : 15minutes → 5minutes
- Observation of airborne dust (nationwide 12 local posts): once a month → once a week
- Air current analysis : continuous analysis of atmospheric diffusion

Phase 2: after identification of radiological material inflow to Korea (March 28)

- Observation of airborne dust (nationwide 12 local posts) : once a week → once a day
- Reinforcement of radioactivity analyses in seawater and marine life, rainwater (rainfall), and tap water (twice a week)

Resolution of Public Anxiety on Radiation Safety and Expert Dispatch

- Inspection of radioactivity contamination on airport and harbor entrants (March. 17 -)
 - 150,712 persons inspected as of 13th of April (2 slightly contaminated persons detected)
- Protective treatment for the rescue workers and experts dispatch to protect Korean resident abroad (3 persons)
- Expert meeting with Japanese counterparts for situation understanding and relevant responses (KINS 4 persons, KAERI 2 persons)
- Dispatch of KINS expert to IAEA (1 person): assessment of radiation effect due to Japan NPP accident