

Spanish actions related to Fukushima Accident: Accident follow-up and protection measures (Working Session 2. Panel 1)

Juan Carlos Lentijo

Consejo de Seguridad Nuclear



Accident Follow-up. CSN



- *NPPs re-assessments (stress test) not included*
- CSN Action Plan for nuclear & radiological emergencies
- Since the first hours a **Follow-up and Assessment Board** at CSN Emergency Centre (SALEM)
 - CSN: Spanish national contact point ENAC & ECURIE
 - Composition: High management and technical staff experts: emergencies, NPP, rad. consequences...
- Main Goals
 - To assess the situation for advising the Government, including recommendations on protection measures for Spanish citizens
 - Information to the public

Accident Follow-up. Government




- Government created a **High Level Group** for the follow-up of Japan events: natural disaster and nuclear accident
- Composition. General Directors from:
 - Governmental Departments: Cabinet of PM, Foreign Affairs, Industry, Health, Civil Protection
 - Representative from CSN to make direct advice on nuclear safety and radiation protection issues
- Main Goals
 - Gather information from different channels
 - Prepare reports and recommendations to the Government

Relevant actuations (1)

- CSN. Assessment of information coming from official channels (ENATOM, ECURIE). Permanent advice to the Government on:
 - Information and protective actions for Spanish citizens living in/in transit to Japan
 - Public information
- Countermeasures adopted by Government for Spanish people in Japan
 - Recommendation to refrain travelling to Japan when not justified
 - Voluntary repatriation. Special flight arranged by GoS (18 March)
 - Citizens remaining in Japan. Embassy provided continuous information, recommended to follow the **advise from Japanese authorities**. Spanish nationals advised to remain outside and to refrain to go to affected area F-NPP
 - Inventory of 4,000 IK tablets in Spanish Embassy in Japan

Relevant actuations (2)

- Permanent information system to the public (CSN and Government)
 - Main topics: Radiation Protection, Health, FaQ, etc.
 - Web and permanent assistant e-mail and phones: CSN, Ministry of Health, PM
 - Especial box in CSN web page www.csn.es 
 - CSN: **33 press releases (2 per day at beginning) and many media briefings**
- Individual radiological checks to people coming from Japan
 - CSN & Ministry of Health **General Protocol**: Epidemiological questionnaire (personal data, location in Japan, specific circumstances) + WBC monitoring (voluntary and after assessment of personal data) + offer health assistance. Simple recommendations to prevent risks from external contamination
 - **Special protocol** for the 150 citizens coming in the repatriation flight 18-March. Individual epidemiological questionnaire and personal checks at the arrival at the special military airport. Monitoring external contamination and thyroid. Health assistance

Relevant actuations (3)

- Special program for environmental radiation monitoring. CSN
 - Based on the routine monitoring programs coordinated by CSN
 - Automatic networks: Civil Protection, CSN and Regional Govs.
 - National Sampling Station Network (more than 20 labs). **Increased frequency**. Main exposure ways: air, water, vegetables, foods...
 - Environmental monitoring around nuclear facilities. Increased frequency
 - Results reported to public, Spanish institutions, EU-ECURIE and IAEA
 - **Some values above background**: airborne, leafy vegetables, surface water, raw cow milk, goat milk, grass... **No radiological significance**
- Reinforced radiation controls of food, feed and commodities imported from Japan: Gov. Departments with CSN support
 - Based on routine programs and EU regulations and recommendations
 - Reference values, increased frequency of analysis, information to ECURIE

Some reflections



- CSN Action Plan for Nuclear-Radiological Emergency base for special actuations in Fukushima Accident. **Previous preparation**
- Many organisations involved in follow-up at national and international level. **Need for coordination**
- Information from international channels (ENATOM) was poor at the beginning. Afterwards it was optimised. **Room for improvement: content, platform based on current IT systems**
- **Room for harmonisation in some important matters:** personal radiation controls, IL and OIL, emergency classification, size of EPZ, reference levels for food and feed, scope of environmental monitoring...
- **Information to public.** Major challenge taken into account the three previous conclusions and information from media and internet advanced to the official notes

ACERCA DEL CSN



MISIÓN

La Misión del Consejo de Seguridad Nuclear es proteger a los trabajadores, la población y el medio ambiente de los efectos nocivos de las radiaciones ionizantes, consiguiendo que las instalaciones nucleares y radiactivas sean operadas por los titulares de forma segura, y estableciendo las medidas de prevención y corrección frente a emergencias radiológicas, cualquiera que sea su origen.

SEDE ELECTRÓNICA



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Jueves, 16 Junio 2011



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El Consejo de Seguridad Nuclear (CSN) ha participado hoy en la décimo primera reunión del Comité de Información de Almaraz (Cáceres), presidido por el subdirector general de Energía Nuclear del...

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Martes, 14 Junio 2011



[El vicepresidente del Consejo de Seguridad Nuclear presenta a los medios de comunicación el nuevo Plan Estratégico 2011-2016](#)

El vicepresidente del Consejo de Seguridad Nuclear (CSN), Luis Gámir, ha presentado esta mañana a los medios de comunicación el nuevo Plan

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