

Annex 1 REF

Discussion on Framework of Consolidated Report on LLRW Repository

Discussion Summary: Session 3

Professor Toshiso Kosako, Project leader of Japan outlined on the framework of consolidated report on Low level Waste Repository; the following contents of the consolidated report on repository have been discussed:

- General Policy
- Principles and safety assessment
- Regulatory and operational system preparation
- Site selection
- Design and Construction of Disposal Facilities

Prof Kosaako mentioned about page limitation of consolidated report. He explained that detailed construction programme will be a very big report. He also mentioned that NORM issue may be eliminated from the content of the consolidated report, Prof Kosako expressed that some countries already established repository e.g., Korea. If Korea can share their experience on building repository, will be helpful for other FNCA countries. Prof Kosako suggested that considering status of each country the generic situation may be included in a consolidated report.

Australia:

Mr Duncan Kemp discussed about some key points e.g., Training, Funding and Site Selection process etc for considering the establishment of LLW repository. He explained that currently Australia has no plan for Bore hole disposal. However, the Low Level Waste disposal is more important issue to consider.

Bangladesh:

Bangladesh has no disposal facility, only the interim storage facility is available for storage of waste LILW in the country. In order to fulfill the future requirement the establishment of LLW repository is important, though there are some challenges like selecting a suitable site, lack of appropriate infrastructure, public acceptance and economic resources are exist. Since the RWM programme varies by country the generic content of consolidated report will be more acceptable.

China:

Ms He Huan from China agreed with the proposal of Dr Hideki Kawamura. There are some thoughts and recommendations about 3.2 Communication tool (creating communication template):

We will actively build an open and transparent distribution channel, increase the transparency of the information about the radioactive waste disposal site, and thus improve the public's acceptance. A column on radioactive waste disposal can be found at the National nuclear security administration website. In the column, the purpose, tasks and waste reception processes of radioactive waste disposal site are introduced, and the distribution of radioactive waste disposal site permits is made.

Through consultation, questionnaire survey, organized seminars, expert meetings, hearings, etc, to solicit opinions and suggestions from citizens, legal persons and other organizations on the relevant matters or activities of the premises. Citizens, legal persons and other organizations may make comments and suggestions to the national nuclear safety administration through telephone, letter, fax or Internet. When making a decision, the above observations and recommendations should be fully taken into account and feedback to citizens, legal persons and other organizations in an appropriate manner.

Indonesia:

Mr Moch Romli from Indonesia focused on waste acceptance criteria and public acceptance issues. He also explained that since every FNCA country has not got repository and RWM programme varies country to country depending on practical situation, therefore the contents of the consolidated report on repository should be generic.

Kazakhstan:

Ms Aliya Izbaskhanova from Kazakhstan, expressed her opinion on the consolidated report may contain recommendations for the updating of regulatory documents for the regulatory body and organizations using of ionizing radiation sources and work with radioactive waste and spent nuclear fuel based on the experience of the FNCA member countries.

Also in the subsequent reports of countries, can be added information on the training of personnel in the management of radioactive waste and spent nuclear fuel.

Also can be added information about positive and negative responses of public organizations through the media about the situation in the country in the field of using atomic energy. Information about conducting public hearings, on conducting explanatory work among the population in this area.

Korea:

Dr Hyuncheol Kim explained that the Low level disposal facilities already in operation in Korea. Korea also has an extensive experience in site selection process and NORM issue. He mentioned that the KORAD is responsible for constructing of waste repository in the country. The participation of personnel from KORAD in the FNCA RSRWM workshop would be more useful for member countries in terms of sharing experience regarding repository design etc.

Malaysia :

Dr Mohammad Abdul Wahab Yusof expressed opinion about contents of the consolidated report. He mentioned that the contents of the report are very comprehensive, especially in the case of site selection process. Some countries have no repository and no policy about repository. He described that the principle and safety assessment and confidence building is very important issue for consider the establishment of waste repository. Having public opinion it would be more convenient to construct such a facility.

Thailand :

Ms Nanthavan Ya-anant, TINT mentioned about successful completion last two consolidated report on Radiation Safety and Emergency preparedness of Nuclear and Radiation facilities prepared by FNCA RSRWM group. She addressed that sharing information, country that already has LL waste repository would be useful for other member countries have not any LL waste repository yet. In this regard, she mentioned about the LL waste disposal programme of Australia, Korea, Japan would be useful for other

member countries. She focused on current regulation and Act regarding waste repository in Thailand. However, Thailand can share principle and some generic contents of the consolidated report on LL waste repository.

Vietnam:

Ms Doan Thi Thu Hien expressed her opinion that currently there is no LL waste repository in the Vietnam and it is difficult to find a suitable site for repository because of public acceptance.

The Philippines:

Mr Edmundo P. Vargas express his opinion that, countries having waste disposal programme can share their experience among other FNCA member countries. He addressed Malaysian borehole disposal project experience. He explained that thru sharing their experience it would be useful to other countries for choosing bore hole project. He explained that the post closure safety study conducted by Philippines. He also mentioned about funding, socio-political and trained man power issues for constructing repository in Philippines.

Mongolia

Ms Batdelger Uranchimeg from Mongolia mentioned that the Mongolia just started waste storage facility. She also talked about technical capacity regarding construction of Waste repository in the country. She explained that thru sharing knowledge and experiences among the FNCA member states would be useful to construct waste management infrastructure in the country.

Japan

Mr Wada

Mr Tomoaki Wada, FNCA coordinator of Japan talked about repository situations in different FNCA member countries. He explained that some FNCA member states have LLW repository programme and some countries have no disposal facility. He also mentioned that the three year plan for consolidated report is too short. He emphasis on making an interim report for waste repository at the end of three years.

Mr Sakamoto

Dr Yoshiaki Sakamoto from Japan expressed that, site selection and public acceptance is very important very important issue for constructing a RW disposal facility.

As a conclusion, Prof. Kosako mentioned that this discussion is a kick-off of this project, and the discussion items, key issues and “Consolidated report index” would be clarified through the continuous communication in this group.