

# NEWSLETTER

## RADIOACTIVE WASTE MANAGEMENT

Mar. 2008  
Supplementary  
Release

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Nuclear Safety  
Research Association

### Radioactive Waste Management -- Working Towards Establishment of Safety Management



Professor T. KOSAKO  
RWM Project Leader of Japan

Safe handling of radioactive waste is an important issue in nuclear applications development in Asian countries, as a public interest in radioactive waste issues is enhanced. Accordingly, it is necessary to promote an international consensus on the safe management of radioactive wastes, to promote regional cooperation in this field and to further strengthen existing technologies among the FNCA countries. The project was initiated in 1995 in order to contribute to the progress of safety on radioactive waste management in the FNCA countries through exchanging information and experiences among the countries.

Under the framework of the FNCA Radioactive Waste Management (RWM) Project, information exchanges and discussions were performed on current status and important issues on RWM in each country, and it has been provided a common theme and cooperative relationships at a technical level within the Asia region and promotes good management and understanding of radioactive waste issues.

Since 2001, a task group on specific issues concerning RWM in the FNCA countries was established as a part of the RWM Project. The task activities focused on "Spent Radiation Source Management" in 2001-2002, on "TENORM Management" in 2003-2004, and on "Decommissioning and Clearance" in 2005-2007. The task group activity reports were published in 2003, 2005 and 2007 respectively.

Through the above activities RWM project has been provided very important radioactive waste Management forum to share experience and knowledge, provide site inspections, and access to experts and technical data.

### *Record of RWM Workshops*

- |                     |                         |                      |                        |
|---------------------|-------------------------|----------------------|------------------------|
| 1) 1995 RWM Seminar | Japan (Tokyo)           | 8) 2002 RWM Workshop | Korea (Daejeon)        |
| 2) 1996 RWM Seminar | Malaysia(Kuala Lumpur)  | 9)2003 RWM Workshop  | Indonesia(Jakarta)     |
| 3)1997 RWM Seminar  | China(Beijing)          | 10)2004 RWM Workshop | Malaysia(Kuala Lumpur) |
| 4)1998 RWM Workshop | Thailand(Bangkok)       | 11)2005 RWM Workshop | Japan (Okayama Pref.)  |
| 5)1999 RWM Workshop | The Philippines(Manila) | 12)2006 RWM Workshop | China(Beijing)         |
| 6)2000 RWM Workshop | Australia(Sydney)       | 13)2007 RWM Workshop | Thailand(Bangkok)      |
| 7)2001 RWM Workshop | Viet Nam (Da Lat)       |                      |                        |

## RWM Project Leaders



1995  
|  
1999



Dr Desmond Levins  
Leader Waste Operations &  
Technology Development,  
Australian Nuclear Science &  
Technology Organisation  
(ANSTO)



2000  
|  
2001



Dr John Harries  
Leader,  
Environmental Radioactivity,  
Australian Nuclear Science &  
Technology Organisation  
(ANSTO)



2002  
|  
2007



Mr Lubi Dimitrovski  
Manager, Waste Operations,  
Australian Nuclear Science &  
Technology Organisation  
(ANSTO)

*Current PL*

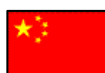


1998  
|



Prof. Toshiso Kosako  
Professor  
Nuclear Professional School  
Graduate School of  
Engineering  
The University of Tokyo

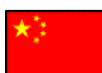
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1999  
|  
2001



Qiao Shurong  
Director  
Information Center  
China National Nuclear  
Corporation



2002  
|



Zhang Jintao  
Deputy Director General  
Department of Safety,  
Protection and Quality China  
National Nuclear Corporation

*Current PL*



2000  
|  
2003



Mr. Nik Marzukee Nik  
Ibrahim  
Manager of Radioactive Waste  
Management Center – MINT  
(1997-2001)



2004  
|



Dr. Syed Abdul Malik  
Manager of Radioactive Waste  
Center – Nuclear Malaysia  
(2001-present)

*Current PL*



1995  
|  
1996



Dr. Sofyan Yatim  
Director of Radioactive Waste  
Management Technology  
Center-BATAN (1992-1996)



1997  
|  
2001



Mr. Gunanjar  
Director of Radioactive Waste  
Management Technology  
Center – BATAN (1997-2001)



2002  
|  
2005



Dr. Asmedi Suropto  
Director of Radioactive Waste  
Technology Center – BATAN  
(2002-2006)



2006  
|



Dr. Djarot S. Wisnubroto  
Director of Radioactive Waste  
Technology Center – BATAN  
(2006-present)

*Current PL*



1998  
|  
2002



Myung Jae SONG  
Executive General Manager  
Nuclear Engineering &  
Technology Institute, KHNP



2007  
|  
2007



Jong Hyun HA  
General Manager Nuclear  
Engineering & Technology  
Institute, KHNP



2008  
|



Ho Yeon YANG  
Senior Manager Nuclear  
Engineering & Technology  
Institute, KHNP

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2007  
|




Dr. M. Moinul Islam  
Principal Scientific Officer,  
Health Physics & Radioactive  
Waste Management,  
Institute of Nuclear Science &  
Technology, Atomic Energy  
Research Establishment,  
Bangladesh Atomic Energy  
Commission

*Current PL*

## RWM Project Leaders



**1995**  
|  
**1997**



Mr. Pathom Yamkate  
Director General of Department  
of Science Service, Ministry  
of Science and Energy.



**1998**  
|  
**1999**



Ms. Fookait Sinakom  
Deputy Secretary General  
of OAP



**2000**  
|  
**2002**



Mr. Banchong  
Wangcharoenroong  
Present Retirement  
Past: Former Director of  
Radioactive Waste  
Management Division, OAEP



**2003**



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Mr. Sutat Thiangtrongjit  
Director,  
Radioactive Waste Management  
Center, Thailand Institute of  
Nuclear Technology (TINT)



**1995**  
|  
**2003**



Eulinia M. Valdezco  
Chief, Nuclear Regulations,  
Licensing and Safeguards  
Division Philippine Nuclear  
Research Institute Department  
of Science and Technology



**2003**



*Current PL*

Ms. Editha A. Marcelo  
Senior Science Research  
Specialist  
Radiation Protection Section  
Philippine Nuclear Research  
Institute (PNRI)



**1997**  
|  
**2006**



Dr. Tran Kim Hung  
Director  
Department of Planning and  
R&D Management  
Vietnam Atomic Energy  
Commission (VAEC)



**2007**



*Current PL*

Dr. Cao Dinh Thanh  
Deputy Director  
Department for Planning and  
R&D Management  
Vietnam Atomic Energy  
Commission (VAEC)

## Framework of FNCA

The Forum for Nuclear Cooperation in Asia (FNCA) has evolved from the International Conference for Nuclear Cooperation in Asia (ICNCA) which was established of nuclear technology through collaboration among Asian countries. During this period the sharing of information, exchanges of scientific personnel and active cooperative research have been pursued in several fields. Framework of FNCA is shown in the figure.



## Activities and Achievements

### RWM Workshops

Since 1995 the first RWM Workshop was held in 1995, it has been held 13 times once every year including country reports and round-table discussion, and simultaneously Sub-Meetings and Poster/Mini-Exhibitions were set-up with the workshops.

### Task Group Activities

According to the agreement among workshop participants and concurrence by the FNCA Coordinators Meeting, Task Group Activities are undertaken for certain important matters. Results of these activities are reported and discussed during the RWM Workshop. Discussion includes how to publish the result.

- SRSM Task (2001,2002) Two-years activity highlighted on the Spent Radiation Sources Management
- TENORM Task (2003,2004) Two-years activity highlighted on the Technologically Enhanced Naturally Occurring Radioactive Materials
- Decommissioning & Clearance Task (2005-2007) Three years activity highlighted on the decommissioning of nuclear facilities and clearance level

### RWM Reports and Newsletters

#### a. Report Series(R)

- 1) FNCA RWM-R001(2003)  
“Consolidated Report of Radioactive Waste Management”
- 2)FNCA RWM-R002(2003)  
“Safe Management of Spent Radiation Sources”
- 3)FNCA RWM-R003(2005)  
“Management of TENORM”
- 4)FNCA RWM-R004(2007)  
“Updated Consolidated Report on Radioactive Waste Management in FNCA Countries”

#### b. Statement Series(S)

- 1)FNCA RWM-S001(2003)  
“Statement for the Promotion of the joint Convention”

#### c. RWM Newsletters

No.1 – No.20 have been issued.

#### d. RWM Database

Articles on the RWM project in the FNCA web-site have been enhanced.

Most of above reports and Newsletters can be provided through the FNCA official web-site,

<http://www.fnca.jp/english/>



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