Appendix-A Discussion/Survey Meeting

- A-1 Discussion/Survey Meeting at PNRI, the Philippines
- A-2 Discussion/Survey Meeting at OAEP, Thailand
- A-3 Discussion/Survey Meeting at BATAN and BAPETEN, Indonesia
- A-4 Discussion/Survey Meeting at NETEC/KHNP, Korea

Appendix-B Presentation Materials

- **B-1** Co-60 Tele-therapy Source Loss of Shielding Accident
- B-2 Brief Summary of the SRSM Task Group Activities: The Philippine Perspective
- **B-3** Thailand Experience for SRS Management
- **B-4** Indonesian Experiences on the Management of SRS

Appendix-C Photos of SRSM Task Group Activity for 2001 and 2002

Appendix A:

SCHEDULE OF DISCUSSION/SURVEY MEETING (THE PHILIPPINES) 29 JULY- 4 AUGUST 2001

Date	Time	Activity	Person Involved/ Contact Person	Remarks
30 July 2001	08:30 H	Courtesy Call on PNRI Acting Director		
Monday	09:00 H	Administrative Arrangements	Ms. Eulinia Valdezco	
		Schedule Confirmation and		
		Preliminary Discussions		
	11:30 H	Lunch Break		
	13:30 H	Introduction of the Mission	Prof. Toshiso Kosako	
		Aim of the Meeting	Ms. E. Valdezco	
		Experiences & Lessons Learned in Japan	Dr. Hidenori Yonehara	
		Experience & Lessons Learned in the Philippines	Mr. Alejandro Mateo	
31 July 2001	09:00 H	Outline of SRS Regulations in the Philippines	Mr. Jose Ozroxzon Amparo	
Tuesday		Outline of SRS Regulations in Japan	Dr. H. Yonehara	
•	12:00 H	Lunch Break		
	13:30 H	Safety Management of Radioactive Materials	Mr. Tetsuo Kitada (Japan)	
		- Inventory Control	Ms. Valdezco (Philippines)	
		- Management of SRS		
		- Transportation of SRS		
1 August 2001	09:00 H	Technical Tour (Hospital and Metal Works)	Ms. E. Valdezco	
Wednesday	00 00 11	<u> </u>		
2 August 2001	09:00 H	Response to International Trend for SRSM (Japan)	Dr. Nobuyuki Sugiura	
Thursday		- Buenos Aires Action Plan of the IAEA	Dr. H. Yonehara	
	12.00 11	- Adoption of the ICRP		
	12:00 H	Lunch Break		
• • • • • • • • • • • • • • • • • • • •	13:30 H	(Philippines)	Dr. Alumanda dela Rosa	
3 August 2001	09:00 H	Discussion of Ways of	Mr. Hideo Nakasugi	
Friday		Cooperation on SRSM in the FNCA	Mr. M. Odera	
			Ms. Valdezco	
	12:00 H	Lunch Break		
	13:30 H	Wrap up Session	Dr. A. dela Rosa	
			Prof. T. Kosako	
4 August 2001 Saturday	14:30 H	Departure from NAIA (JAL 742)		

THE PHILIPPINES MEMBER LIST

DISCUSSION / SURVEY MEETING FOR SRSM

Name	Organization		
I	Philippine Nuclear Research Institute (PNRI)		
Dr. Alumanda M. dela Rosa	Acting Director, PNRI		
Mr. Edilberto A. Cabalfin	Chief, Nuclear Services & Training Division (NSTD)		
Ms. Eulinia M. Valdezco	Head, Radiation Protection Services, NSTD		
Ms. Editha A. Marcelo	Senior Science Research Specialist, Radiation Protection Services, NSTD		
Mr. Alejandro J. Mateo	Officer-in-Charge, Nuclear Regulations, Licensing and Safeguards Division (NRLSD)		
Mr. Osroxzon L. Amparo	Head, Standards Development Section, NRLSD		
Ms. Vangeline K. Parami	Head, Licensing, Review and Evaluation Section, NRLSD		
Ms Julietta E. Segius	Officer-in-Charge, Safeguards Section, NRLSD		
Mr. Teofilo V. Leonin, Jr.	Head, Radiological Impact Assessment Section, NRLSD		
Dr. Florencio-Isagani S. Medina I	II Career Scientist, Atomic Research Division and Head, Cytogenetics Laboratory		
Ms. Pilar C. Roceles	Head, Technical Assistance, Office of the Director		
Ms. Victoria Fe Medina	Senior Science Research Specialist, Office of the Director		

JAPANESE MEMBER LIST

DISCUSSION / SURVEY MEETING FOR SRSM IN THE PHILIPPINES

Name	Organization	
Prof. Toshiso KOSAKO	Associate Professor, Engineering	
	Research Center for Nuclear Science	
	and Technology,	
	The University of Tokyo	
Dr. Hidenori YONEHARA	Director for Radiation Protection Policy	
	Nuclear Safety Division	
	Science and Technology Policy Bureau,	
	Ministry of Education, Culture, Sports,	
	Science and Technology (MEXT)	
Mr. Tetsuo KITADA	Leader, Site Planning Group	
	Waste Management Department,	
	Radioactive Waste Management and	
	Nuclear Facility Decommissioning	
	Technology Center (RANDEC)	
Dr. Nobuyuki SUGIURA	Research Associate, Medical Science	
•	Research Center for Nuclear Science	
	and Technology,	
	The University of Tokyo	
Mr. Hideo NAKASUGI	Leader	
	Asia Cooperation Center	
	Japan Atomic Industrial Forum, Inc.	
Mr. Mitsutoshi ODERA	Project Manager	
	Asia Cooperation Center	
	Japan Atomic Industrial Forum, Inc.	
	-	

Appendix A-2

SCHEDULE OF SRSM DISCUSSION / SURVEY MEETING (THAILAND) AUGUST 20- 24, 2001

Date	Time	Activity	Person Involved / Contact Person	Remarks
	09:00	arrive at OAEP		
		Administrative Arrangements	Ms. Nanthavan Chantaraprachoom	
20 Aug. 2001		Schedule Confirmation	'	
Monday	09:30	Remarks for open	Dr. Manoon Aramrattana	
		Introduction of the Mission	Prof. Toshiso Kosako	
		Aim of the Meeting	Dr. Manoon Aramrattana	
		Preliminary Discussions	Mr. Banchong Wangcharoenroong	
	12:00	Lunch Break		Co-moderators:
	13:30	Experiences & Lessons Learned in Japan	Dr. Hidenori Yonehara (Japan)	Mr. T. Kitada (Japan)
		Experiences & Lessons Learned in Thailand	Mr. Suntorn Komolsukwat (Thai)	Mr. Banchong (Thai)
	09:00	Outline of SRS Management Framework		<u>Co-moderators</u> :
		in Thailand		Dr. N. Sugiura (Japan)
04.4 0004		- Thai Regulation Background	Mr. Banchong (Thai)	Ms. Nanthavan (Thai)
21 Aug. 2001		- Assessment of Ministerial Regulation on	Mr. Pirat Sriyotha (Thai)	
Tuesday		Radioactive Waste Management	Dr. II. Vanahara (Janan)	
		Outline of SRS Management Framework in	Dr. H. Yonehara (Japan)	
	12:00	Japan Lunch Break		
	13:30	Safety Management of Radioactive Materials		Co-moderators:
	10.00	- Inventory Control	Mr. Tetsuo Kitada (Japan)	Dr. N. Sugiura (Japan)
		- Management of SRS	Ms. Nanthavan (Thai) : inventory	Mr. Suwat Bunnak (Thai)
		- Transportation of SRS	Mr. Sutat Thiangtrongjit (Thai)	inii Ganat Barrian (Trial)
		Short visit to OAEP		
	09:00	Response to International Trend for SRSM	(Japan)	Co-moderators:
		(Japan and Thailand)	Dr. Nobuyuki Sugiura	Prof. T. Kosako (Japan)
		- Action Plan of the IAEA	Dr. H. Yonehara	Mr. Poonsuk Pongpat (Thail)
22 Aug. 2002		Discussed at Buenos Aires	(Thailand)	
Wednesday		- Adoption of the ICRP	Mr. Poonsuk Pongpat	
	12:00	Lunch		
	13:30	Visit to ONRC Site	escorted by Mr. Sutat	
		(ONRC: Ongkharak Nuclear Research Center)		

	07:25	leave hotel	(OAEP driver : Mr. Suwan)	
23 Aug. 2001 Thursday	10:25	Technical visit to the Aromatic : Aromatic is a industrial company producing plastics from natural petro. They use many sealed sources for gauging (for QC).	escorted by Ms. Nanthavan / Ms. Pattra Supaokit	Both facilities are located at Rayong Province. take about 3 hrs from Bangkok
	12:00	Lunch		
	13:50	Technical visit to the Siam Strip Mill company (Scrap Metal Yard)		
	16:30 19:25	depart SSM arrive at hotel		
24 Aug. 2001 Friday	09:00	Wrap up Session : Confirmation of Memorandum of Mutual Understandings Break-up (Japanese team leave OAEP and return to		<u>Co-moderators</u> : Prof. T. Kosako (Japan) Dr. Manoon Aramrattana (Thai)
		hotel)		
	19:30	leave hotel		
	22:30	Departure from airport (JAL- 718)		
25 Aug. 2001 Saturday				Arrival at Narita Airport (06:20)

THAILAND MEMBER LIST

DISCUSSION / SURVEY MEETING FOR SRSM

Name	Organization
	Office of Atomic Energy for Peace (OAEP)
Dr. Manoon Aramrattara	Deputy Secretary General
Mr. Pathom Yamkate	Deputy Secretary General
Mr. Banchong Wangcharoenroong	Director, Waste Disposal Division
Ms. Nanthavan Chantaraprachoom	Nuclear Chemist, Waste Disposal Division
Mr. Suwat Bunnak	Head of Radiation Protection Section, Health Physics Division
Mr. Suntorn Komolsukwat	Senior Health Physicist, Health Physics Division
Mr Pirat Sriyotha	Head of Waste Disposal Section, Waste Disposal Division
Mr. Sutat Thiangtrongjit	Head of Waste Treatment Section, Waste Disposal Division
Ms. Kanitha Srisuksawad	Head of Waste Assessment and Control Section, Waste Disposal Division
Mr. Poonsuk Pongpat	Director, Radiation Measurement Division
Ms. Pattra Supaokit	Nuclear Chemist, Waste Disposal Division
Mr. Nicom Prasertchiewchan Mr. Panya Nuanjan Mr. Kate Ampornpong	Nuclear Chemist, Waste Disposal Division Nuclear Chemist, Waste Disposal Division Technician, Waste Disposal Division

JAPANESE MEMBER LIST

DISCUSSION / SURVEY MEETING FOR SRSM IN THAILAND

Name Name	<u>Organization</u>	
Prof. Toshiso KOSAKO	Associate Professor, Engineering	
	Research Center for Nuclear Science	
	and Technology, The University of Tokyo	
Dr. Hidenori YONEHARA	Director for Radiation Protection Policy	
	Nuclear Safety Division	
	Science and Technology Policy	
	Bureau,	
	Ministry of Education, Culture, Sports,	
	Science and Technology (MEXT)	
Mr. Tetsuo KITADA	Leader, Site Planning Group	
	Waste Management Department,	
	Radioactive Waste Management and	
	Nuclear Facility Decommissioning	
	Technology Center (RANDEC)	
Dr. Nobuyuki SUGIURA	Research Associate, Medical Science	
•	Research Center for Nuclear Science	
	and Technology,	
	The University of Tokyo	
Mr. Mitsutoshi ODERA	Project Manager	
	Asia Cooperation Center	
	Japan Atomic Industrial Forum, Inc.	

(Observer)

Prof. Tadatsune OKUBO (Staying in Thailand)

Appendix A-3

Schedule of SRSM Discussion/Survey Meeting (Indonesia) 11 August – 17 August, 2002

Date	Time (H)	Activity	Person Involved/ Contact Person	Remarks
	10:30 - 11:00	Opening Remarks from in behalf of FNCA Coordinator	Dr. Asmedi Suripto for Dr. Bakri Arbie	
		Introduction of the Mission	Prof. Toshiso Kosako	
		Aim of the Meeting	Dr. Asmedi Suripto	
12 August 2002	11.00-12:10	Experiences & Lessons Learned in Japan	Dr. Hidenori Yonehara	
Monday	12:10-13:00	Lunch Break		
•	13:30	Discussion(Continued)		
	- 14:50	Experiences & Lessons Learned in Indonesia	Dr. Djarot S. Wisnubroto	
	14:50-15:40	Visit to Facilities of CDRWM		
	10:00	Outline of SRS Regulations in Indonesia	BAPETEN	at BAPETEN
		Outline of SRS Regulations in Japan	Dr. Hidenori Yonehara	
	12:00	Lunch Break		
13 August 2002	13:30	Safety Management of Radioactive Materials	Mr. Tetsuo Kitada (Japan)	
Tuesday		Inventory Control	BAPETEN & BATAN	
		Management of SRS		
		Transportation of SRS		
	16:30	Dr. Sugiura arrival at the Jakarta's airport	Suryadi (BATAN)	
14 August 2002	9:00	Technical Visit to SRS related facilities to Darmais Hospital and	Osmen Gultom(BATAN)	Darmais ospital(Jakarta)
Wednesday		Krakatau Steel		Krakatau Steel (100 km
Wednesday				from Serpong)
	9:00	Response to International Trend for SRSM (Japan)		
		Revised Action Plan of the IAEA	Dr. Nobuyuki Sugiura	
		Adoption of the ICRP	Dr. Hidenori Yonehara	
	12:00	Lunch Break		
15 August 2002	13:30	Application of IAEA Action Plan (Information Exchange)		
Thursday		Philippine case	Ms. Valdezco	
Thursday	4.4.00	Indonesia case	Dr. Asmedi Suripto	
	14:30	Courtesy Call on BATAN Director-General	M W II B A II G I A	
	17:00	Discussion of Ways of Cooperatioan on SRSM in the FNCA:	Ms. Valdezco, Dr. Asmedi Suripto	
		Report towards RWM WS in Korea, and FNCA Ministerial level	Prof. Toshiso Kosako	
		meeting also in Korea		
16 August 2002	9:00 -11:30	Wrap up Session	Prof. T. Kosako, Ms. Valdezco, Dr. Asmedi	
Friday	13:30	Departure from Guest House		
17 August 2002 Saturday	13:00	Departure of Ms. Valdezco from Jakarta	Suryadi (BATAN)	

INDONESIA MEMBER LIST

Discussion / Survey Meeting for SRSM in Jakarta, Indonesia

Name	Organization		
Dr. Asmedi Suripto	National Nuclear Energy Agency (BATAN)		
Dr. Djarot Wisnubroto	BATAN		
Mr. Gangsar Santoso	BATAN		
Mr. Suryadi	BATAN		
Mr. Wasito Hadi	BATAN		
Ms. Aisyah	BATAN		
Mr. Riau Amorano	BATAN		
Ms. Farida Tusafariah	BATAN		
Ms. Sri Widayati	BATAN		
Mr. Agus Gindo	BATAN		
Mr. Widiatmo	BATAN		
Mr. Sunardi	BATAN		
Ms. Dyah Srirahayu	BATAN		
Ms. Winduwati	BATAN		
Mr. Osmen Gultom	BATAN		
Mr. Gatot SUmarwoto	BATAN		
Mr. Edo Walman	BATAN		
Mr. Mulatno	Department of Public Health		
Mr. Torang Batubara	Department of Public Health		
Ms. Noviyanti Noor	National Energy Control Board (BAPETEN)		
Dr. Soedyartomo Sentono	Director- General, BATAN		

for Tuesday's meeting held at BAPETEN office

Name	Organization	
Mr. Heryudo Kusumo	National Energy Control Board (BAPETEN)	
Mr. Arifin Kustiono	BAPETEN	
Mr. Moendi Purnomo	BAPETEN	
Ms. Noviyanti Noor	BAPETEN	
Mr. Marsono	BAPETEN	
Mr. Amil Mardha	BAPETEN	
Dr. Nurulhuda	BAPETEN	
Dr. Erwin Kasma	BAPETEN	
Mr. Reno Alamsyah	BAPETEN	
Ms. Gloria	BAPETEN	
Dr. Asmedi Suripto	National Nuclear Energy Agency (BATAN)	
Dr. Djarot Wisnubroto	BATAN	
Mr. Gangsar Santoso	BATAN	
Mr. Suryadi	BATAN	
Ms. Aisyah	BATAN	
Mr. Riau Amorano	BATAN	
Ms. Farida Tusafariah	BATAN	
Ms. Sri Widayati	BATAN	
Mr. Agus Gindo	BATAN	
Mr. Widiatmo	BATAN	
Dr. Mirzan T. Razak	Indonesia Society of Chemist (ISC)	
Dr. Thamzil Las	ISC	
Mr. Rohyani	ISC	
Ms. Noorsanti	ISC	
Ms. Sri Susanti	ISC	
Mr. Abdulkadir	ISC	
Mr. Wisnu	ISC	
Mr. Hadi	ISC	

Dr. Mohammad Ridwan Chairman, BAPETEN

List of Overseas Members

Discussion / Survey Meeting for SRSM (August 2002, in Indonesia)

Name	Organization
<u>JAPAN</u>	
Prof. Toshiso KOSAKO	Associate Professor, Engineering Research Center for Nuclear Science and Technology, The University of Tokyo
Dr. Hidenori YONEHARA	Director for Radiation Protection Policy Nuclear Safety Division Science and Technology Policy Bureau Ministry of Education, Culture, Sports, Science and Technology (MEXT)
Dr. Nobuyuki SUGIURA	Research Associate, Medical Science Research Center for Nuclear Science and Technology, The University of Tokyo
Mr. Tetsuo KITADA	Leader, Site Planning Group Waste Management Department Radioactive Waste Management and Nuclear Facility Decommissioning Technology Center (RANDEC)
Mr. Mitsutoshi ODERA	Project Manager Office of the Coordinator Asia Cooperation Center (ACC) Japan Atomic Industrial Forum, Inc. (JAIF)
THE PHILIPPINES	
Ms. Eulinia M. Valdezco	Head, Radiaiton Protection Services Radioactive Waste Management Division Philippine Nuclear Research Institute (PNRI)

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Appendix A-4

SCHEDULE OF DISCUSSION/SURVEY MEETING DAEJEON, KOREA 25 AUGUST- 31 AUGUST, 2002

Date	Time	Activity	Person Involved/ Contact Person	Remarks
25 August 2002		Flight JL-953 Bus		
Sunday	13:35 H	Narita AP - Incheon AP - Daejeon		
	10:00 H	Courtesy Call on NETEC Director		
26 August 2002	10:30 H	Address of Welcome	KHNP	
Monday		Schedule Confirmation and Preliminary Discussions	KHNP/Japan	
		Introduction of the Mission	Prof. Toshiso Kosako	
		Aim of the Meeting		
	11:30 H	Lunch Break		
	13:30 H	Experiences & Lessons Learned in Japan	Prof. Toshiso Kosako	
	14:45 H	Radioactive Material Regulation in Korea	KINS	
	16:20 H		Mr. Tetsuo Kitada (Japan)	
		Inventory Control/Management of SRS/Transportation of SRS		
	09:30 H		KAERI	
27 August 2002	10:30 H	E	Ms. Nanthavan	
Tuesday	12:00 H			
	14:00 H		Ms. Nanthavan	
28 August 2002	09:30 H			
Wednesday		- IAEA Action Plan / Code of Conduct	Dr. Nobuyuki Sugiura	
		- ICRP Adoption	Prof. Toshiso Kosako	
	11:30 H	SRSM in Korea	KHNP	
	12:20 H			
	14:00 H			
		for FNCA RWM Workshop, etc.		
	09:30 H	1 1		
29 August 2002		: Report towards RWM WS in Korea,		
Thursday		and FNCA Ministerial level meeting also in Korea		
		: Meeting Minutes		
	12:00 H	Lunch Break		
	13:30 H	Meeting (Continue'd)		
30 August 2002	09:30 H			
Friday		(Vitrification Facility in Daejeon, ASAN Hospital in Seoul)		
31 August 2002	17:35 H	.		
Saturday		Flight JL-956		

LIST OF PARTICIPANTS (KOREA)

Discussion / Survey Meeting for SRSM in Daejeon, Korea

Name	Organization
Dr. Myung-Jae SONG	(NETEC, KHNP) Project Leader of Korea in FNCA-RWM General Manager, R&D Office Korea Hydro & Nuclear Power Co., Ltd. Nuclear Environment Technology Institute
Dr. Sang-Hoon PARK	(KINS) Senior Advisor Korea Institute of Nuclear Safety
Dr. Hyun-Soo HAN	(KAERI) Manager, Radioisotope & Radiation Source Development Project Korea Atomic Energy Research Institute
Mr. Sung-Youb JEON	(KRIA) Manager, Planning & Management Team Korea Radioisotope Association
Mr. Suk-Nam KIM	(NETEC, KHNP) Manager, Radiation Safety Team
Mr. Sang-Woon SHIN	(NETEC, KHNP) Group Leader, Radwaste Treatment Research Group
Mr. Chong-Hyun KIM	(NETEC, KHNP) Senior Manager, Radiation Safety Section
Dr. Kwang-Sub CHOI	(NETEC, KHNP) Chief, Waste Management Section
Mr. Byung-Il CHOI	(NETEC, KHNP) Team Leader, Storage Research Team
Dr. Hyung-Joon KIM	(NETEC, KHNP) Manager, Policy Development Team

List of Overseas Members

Discussion / Survey Meeting for SRSM (August 2002, at Daejeon, Korea)

Name	Organization
<u>JAPAN</u>	
Prof. Toshiso KOSAKO	Associate Professor, Engineering Research Center for Nuclear Science and Technology, The University of Tokyo
Dr. Nobuyuki SUGIURA	Research Associate, Medical Science Research Center for Nuclear Science and Technology, The University of Tokyo
Mr. Tetsuo KITADA	Leader, Site Planning Group Waste Management Department Radioactive Waste Management and Nuclear Facility Decommissioning Technology Center (RANDEC)
Mr. Hideo NAKASUGI	Leader Office of the Coordinator Asia Cooperation Center (ACC) Japan Atomic Industrial Forum, Inc. (JAIF)
Mr. Mitsutoshi ODERA	Project Manager Office of the Coordinator Asia Cooperation Center (ACC) Japan Atomic Industrial Forum, Inc. (JAIF)
THAILAND	
Ms. Nanthavan Chantaraprachoom	Nuclear Chemist Radioactive Waste Management Division Office of Atomic Energy for Peace (OAEP)