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From: Margaret Doane, Director, Office of International Programs /RA/

Date: August 2, 2007

Subject:

FIRST TRAINING FOR CHINA ON AP 1000 TO BEGIN ON AUGUST 6, 2007

Comment:

On August 3, 2007, five staffers of an eight member NRC delegation will travel to Beijing, China to begin a two-week training seminar on the AP 1000. The other three members of the delegation will depart on August 10-11, to support the second phase of the program. The training will take place in Beijing (Aug. 6-10) and in Beidaihe, China (Aug. 11-19).

The NRC agreed to provide the Chinese National Nuclear Safety Administration (NNSA) with training on the design and construction of the AP 1000 in the Memorandum for Cooperation which was signed by both agencies in May 2007. This training is the first part of the technical training program the NNSA has requested. The NNSA will reimburse the NRC for the travel and per diem costs of each traveler.

The delegation will be comprised of: Scott Moore, Deputy Director of International Programs; John Ramsey, International Programs; Joelle Starefos, Office of New Reactors (NRO) and team lead for technical trainers; Ashok Thadani, NRO; Patrick Madden, NRO; Jerry Wilson, NRO; Stephen Bajorek, Office of Nuclear Research; and Richard Scott Egli, Office of Human Resources/ Technical Training Center- Chattanooga. The training agenda is attached.

Contact: Cindy Rosales-Cooper, ext. 1168

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Training Agenda Continued

August 14	AP600/AP1000 Test Programs	Dr. Stephen Bajorek	2 hours
August 15	AP600/AP1000 Test Programs (Continued)	Dr. Stephen Bajorek	2 hours
	Question / Answer Session	Dr. Stephen Bajorek	1 hour
August 15	NRC Review of AP1000 Analytical Codes and Test Programs	Dr. Stephen Bajorek	3 hours
August 16	NRC Confirmatory Testing and Analysis	Dr. Stephen Bajorek	3 hours
August 16	The Evolution of Risk-Informed Regulation	Dr. Ashok Thadani	3hours
August 17	The Evolution of Risk-Informed Regulation (Continued)	Dr. Ashok Thadani	3hours
August 17	Question / Answer Session Wrap-up Presentation	Dr. Ashok Thadani	1 hour
August 13-14	Meetings to discuss Steering Committee and Charter	Mr. Scott Moore	

TRAINING AGENDA
NRC Cooperative Activity with NNSA

August 6-17, 2007

WEEK 1

August 6	Opening Remarks	Mr. John Ramsey	0.5 hours
	An Overview of NRC & Licensing	Mr. Patrick Madden	1.5 hours
	AP1000 Overview Course Introduction 1.0 AP1000 Plant Overview	Mr. R. Scott Egli	3 hours
August 7	AP1000 Overview Course 2.0 Reactor Core and Vessel Design 3.0 AP1000 Reactor Coolant System 4.0 AP1000 Passive Core Cooling System	Mr. R. Scott Egli	6 hours
August 8	AP1000 Overview Course 5.0 Containment and Containment Systems 5.1 Containment Structure 5.2 Passive Containment Cooling System (PCS) 6.0 Auxiliary Systems 6.1 Normal Residual Heat Removal System (RHR) 6.2 Cooling Water Systems 6.3 Chemical and Volume Control System (CVCS) 6.4 Main Control Room HVAC	Mr. R. Scott Egli	6 hours
August 9	AP1000 Overview Course 7.0 Secondary Plant Systems 8.0 Instrument and Control System 9.0 Electrical Systems Question / Answer Session	Mr. R. Scott Egli	5 hours
		Mr. R. Scott Egli	1 hour

WEEK 2

August 12 - Afternoon

	Licensing Reactors Under 10 CFR 52	Mr. Jerry Wilson	3.5 hours
	An Overview of Part 52 The Standard Design Certification Process		
August 13	Licensing Reactors Under 10 CFR 52 Early Site Permits Combined Licenses	Mr. Jerry Wilson	3 hours
August 13	AP1000 Passive Safety Systems	Dr. Stephen Bajorek	3 hours
August 14	AP1000 Plant Response to Postulated Accidents	Dr. Stephen Bajorek	3 hours
	AP1000 Plant Response to Postulated Accidents (continued)	Dr. Stephen Bajorek	1 hour