

October 16, 2008

MEMORANDUM TO: Margaret Doane, Director
Office of International Programs

FROM: Jenny Tobin, Project Manager /RA/
Office of International Programs

SUBJECT: TRANSMISSION OF NRC/NNSA VIDEO CONFERENCE
MEETING MINUTES TO CHINA

On July 9, 2008, NRC participants from the Office of International Programs (OIP) and the New Reactor Office (NRO) participated in a video conference with Chinese counterparts at the National Nuclear Safety Administration (NNSA). The topics included: status of NNSA safety review on Sanmen AP1000 nuclear power plants, list of documents to be exchanged in the safety review process, the October training workshop in China, on-the-job training of NNSA technical staff at NRC, detailed technical exchanges planned as part of the MDEP working group on AP1000, status of CAMP and CSARP agreements, follow-up activities for 2008 and 2009 and designation of point-of-contacts for each agency.

Attached is a copy of the minutes for signature by the Director of OIP before transmission of the document to China for their approval. The hard copy of the minutes will be hand carried to Beijing by Mr. Scott Moore, Deputy Director, OIP in October 2008.

Enclosures:
1. Meeting Minutes

CONTACT: Jenny Tobin, OIP
301-415-2328

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1. Meeting Minutes

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DISTRIBUTION

MDoane, OIP, C. Rosales-Cooper, OIP J. Jacobson, NRO J. Ramsey, OIP
G. Holahan, NRO P. Madden, NRO S. Koenick, NRO E. McKenna, NRO

DOCUMENT NAME: G:\Countries\China\Videoconferences\Minutes Memo.doc

ADAMS Accession No.: ML082900473 Enclosure- ML082900475

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

OFFICE	OIP	OIP/BC	OIP/DD	OIP/D
NAME	JTobin	CAbrams	SMoore	MDoane
DATE	10/03/08	10/09/08	10/15/08	10/16/08

**MINUTES OF VIDEO CONFERENCE
FOR COOPERATION ON AP1000
BETWEEN CHINA NNSA AND USNRC**

09 July 2008, Beijing, China

I – Participants

NNSA DELEGATION

Mr. LIU Hua	Assistant Administrator, NNSA
Mr. WANG Zhongtang	Deputy Assistant Administrator, NNSA
Mr. JIANG Wei	Director, Division of International Cooperation, NNSA
Mr. ZHOU Shirong	Director, Division 1 of Nuclear Power, NNSA
Mr. HU Liguang	Project Officer, Division 1 of Nuclear Power, NNSA
Mr. CHAI Guohan	Senior Engineer, Nuclear Safety Center, NNSA
Ms. LUAN Haiyan	Project Officer, Division of International Cooperation, NNSA

USNRC DELEGATION

Ms. Margaret Doane	Director of the Office of International Programs, USNRC
Mr. Gary Holahan	Deputy Director of New Reactors Office, USNRC
Mr. Patrick Madden	New Reactors Office, USNRC
Mr. Steve Koenick	New Reactors Office, USNRC
Ms. Eileen McKenna	AP1000 Project Manager, New Reactors Office, USNRC
Mr. Jack Ramsey	Senior Analyst, Office of International Programs, USNRC
Mr. Jeffrey Jacobson	Office of International Programs, USNRC
Ms. Cindy Rosales-Cooper	Office of International Programs, USNRC

II–Opening Remarks

On behalf of USNRC, Ms. Margaret Doane, Director of the Office of International Programs, expressed sympathy and concern about China's recent earthquake and noted how quickly NNSA responded to the disaster. Condolences were also expressed in a letter from Dr. Dale Klein, Chairman of the USNRC to Mr. Li Ganjie, Vice Minister of Ministry of Environmental Protection, Administrator of National Nuclear Safety Administration, China. Mr. Liu Hua, Assistant Administrator of NNSA, expressed gratitude towards the USNRC's concern about the Sichuan earthquake and appreciation that the 8 staff of the USNRC who were able to participate in the overtime video conference. After the greetings, both sides discussed the following topics:

Enclosure

1. Status of NNSA safety review on PSAR of Sanmen AP1000 NPPs

Mr. Liu Hua introduced the progress of NNSA's safety review on Sanmen AP1000 NPP while indicating that the safety review in China still follows a traditional 2-step review process that needs utilities to submit PSAR and FSAR to NNSA. NNSA's safety review on Sanmen AP1000 NPP started on February 27, 2008, when NNSA received the PSAR from Sanmen Nuclear Power Co., Ltd. NNSA has reviewed the first batch of 1572 questions, most of which focused on the difference between the new design concept of AP1000 and the current nuclear safety standards in China, as well as how to settle the differences.

By July 8, 2008, 608 questions had been answered by Sanmen Nuclear Power Co., Ltd while responses to the remaining questions were expected by July 25, 2008. As the responses were delayed, the first review meeting between the NNSA and the utility was postponed until August 2008.

According to the original schedule, NNSA plans to issue the Construction Permit to Sanmen Nuclear Power Co., Ltd in March 2009.

Mr. Gary Holahan expressed interest in the questions received by NNSA, hoping that NNSA could share this information with the USNRC. Mr. Liu Hua agreed to this arrangement. Mr. Holahan also mentioned since there might be different questions received by the USNRC and NNSA, respectively, during safety review process, both sides may wish to discuss the questions further at the upcoming training workshop or at MDEP meeting.

2. List of documents to be exchanged between NRC and NNSA on the safety review process by the end of July

By the end of July 2008, both sides agreed to exchange the following documents:

The USNRC will provide NNSA 1) all the questionnaires, RAI's and responses that were developed during AP1000 review; 2) SER (NUREG-1512) for AP 600; 3) other policy documents such as the Commission paper developed from AP1000 review.

NNSA will provide the USNRC the questions received on AP1000 review for Sanmen NPP and invite NRC's comments on these issues.

3. Training workshop on the topical issue consultation in October

The NNSA and the USNRC agree to hold a two-week workshop on training and topical issue consultation in October, to help NNSA staff understand AP1000 technical documents and NRC questions and responses received concerning safety issues during the USNRC's AP1000 review process. At this workshop, the USNRC staff will provide details on their regulatory review and collect questions from NNSA on safety issues concerning the Sanmen NPP review.

The workshop will take place in October and last two weeks. It was agreed that the location of the training would be in Beijing and the NNSA would arrange for NRC staff to visit the AP1000 site in Sanmen during the workshop. Prior to the workshop, the USNRC will have all the training information ready and send it to NNSA for translation preparation.

4. On-job training of NNSA technical staff at NRC

(b)(4)

Exemption 4

5. Detailed technical exchanges as part of the MDEP working group on the AP1000

The NNSA will actively participate in the working groups relating to MDEP as well as activities initiated by the USNRC, including digital I&C standards, EPR and pressure boundary codes and standards, AP1000 and multinational vendor inspection. The list of the nominees for each working group of MDEP has been confirmed by NNSA. The NNSA encourages the USNRC to invite other regulators such as the UK, France and Finland to be involved in consultation meetings as well as training conducted between the NNSA and the USNRC, with the goal of developing an understanding of common interests and identifying specific areas of cooperation. Furthermore, the Chinese and U.S. regulators will consolidate their bilateral cooperation arrangement, under which both countries may further discuss the technical details, with other regulators under the framework of MDEP.

The NNSA also supports and welcomes the idea to establish an e-library in Paris for sharing construction experiences among nuclear regulators.

(b)(4)

Exemption 4

the related codes.

7. Consideration and preparation of follow up activities in 2008 and 2009

-The NNSA staff will travel to the U.S. for consultation on the AP1000 review in December 2008.

-The NNSA will invite NRC staff to China in February 2009 to help NNSA address the issues that arise during AP1000 safety review before issuing the Construction Permit to AP1000 utilities in March 2009.

8. Technical focal point designated in NNSA and NRC for AP1000

The NNSA and the USNRC agree to designate one technical staff as technical contact point for AP1000 on each side.

Mr. Li Gigen, Project Manager, Division 1 of Nuclear Power, Department of Nuclear Safety Management, NNSA will be the technical contact point for NNSA, whose email address, telephone and fax numbers are as follows:

E-mail: (b)(6) Backup E-mail: (b)(6)
Telephone: +86-10-6655-6356
Fax: +86-10-6655-6355

Exemption
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The USNRC designates Ms. Eileen McKenna, AP1000 Project Manager, New Reactors Office as the technical contact point for the NRC side. Her email, telephone and fax numbers are as follows:

E-mail: eileen.mckenna@nrc.gov Backup e-mail: (b)(6)
Telephone: +1-301-415-7110
Fax: +1-301-415-5132

Exemption
6

(b)(4)

Exemption
4

FOR THE NATIONAL NUCLEAR SAFETY
ADMINISTRATION OF THE
PEOPLE'S REPUBLIC OF CHINA

FOR THE NUCLEAR REGULATORY
COMMISSION OF THE UNITED
STATES OF AMERICA

Liu Hua

IRA

Margaret Doane