

Honcharik, John

From: Dudes, Laura *NW*
Sent: Monday, May 17, 2010 1:57 PM
To: Terao, David; McKenna, Eileen
Cc: Buckberg, Perry; Honcharik, John; Scarbrough, Thomas; Tappert, John; Tracy, Glenn; Shuaibi, Mohammed
Subject: RE: URGENT: Chairman's Trip to China

Please coordinate this with DCIP as well.

From: Terao, David *NW*
Sent: Monday, May 17, 2010 1:47 PM
To: McKenna, Eileen
Cc: Buckberg, Perry; Honcharik, John; Scarbrough, Thomas; Dudes, Laura
Subject: RE: URGENT: Chairman's Trip to China

Eileen,

The AP1000 RCPs do not serve a safety-related function except for maintaining its RCPB. We (CIB1) review the RCP flywheel analysis to ensure the integrity of the RCP housing should the flywheel fail and become a missile. The issue as I understand that the Chinese National Energy Administration is raising has more to do with the inability of Westinghouse to design a pump with adequate performance characteristics under normal operating conditions (i.e., not a safety-related function). We, the NRC, do not regulate the non-safety-related performance function of the RCP.

If the CNEA wishes to know about the AP1000 RCP flywheel analysis, we can certainly provide then our evaluation and comments.

David Terao, Chief

Component Integrity, Performance and Testing Branch 1 (PWRs)
Division of Engineering, NRO
Phone: (301) 415-3317

From: McKenna, Eileen *NW*
Sent: Monday, May 17, 2010 12:11 PM
To: Terao, David
Cc: Buckberg, Perry
Subject: FW: URGENT: Chairman's Trip to China

David - This message was sent to Tom Scarbrough by Peter, but I think John H might be a better one to respond if you can support. I think we have a fair amount of design information but I am less aware of testing information (I was told that there were some problems they had with bearings in tests for Chinese, but I have no details).

From: Koltay, Peter *NW*
Sent: Monday, May 17, 2010 12:00 PM
To: Rivera-Varona, Aida
Cc: Jacobson, Jeffrey; McKenna, Eileen; Scarbrough, Thomas
Subject: FW: URGENT: Chairman's Trip to China

Aida,

A very short notice request for the Chairman's talking points on the AP1000 reactor coolant pumps. According to Jeff Jacobson we don't have much design detail but we may have some information on testing. The audience is the Chinese equivalent to our DOE.

Peter
Technical Assistant
Office of New Reactors
U.S.NRC
301 415 0213

From: Johnson, Michael *NEO*
Sent: Monday, May 17, 2010 11:11 AM
To: Rosales-Cooper, Cindy; Koltay, Peter; Williams, Donna
Cc: Dudes, Laura; Tracy, Glenn; Holahan, Gary; Jacobson, Jeffrey; Doane, Margaret; Abrams, Charlotte; Foggie, Kirk; Jacobson, Jeffrey
Subject: RE: URGENT: Chairman's Trip to China

We should be able to provide this quickly – likely from existing materials. The Chairman has been well briefed and should need not need an oral briefing. If they would like, we will happily accommodate.

For talking points regarding our visits, would pull heavily from the trip reports. They are very complete.

Michael Johnson, Director
Office of New Reactors
301-415-1897
michael.johnson@nrc.gov

From: Rosales-Cooper, Cindy *IP*
Sent: Monday, May 17, 2010 11:01 AM
To: Koltay, Peter; Williams, Donna
Cc: Johnson, Michael; Dudes, Laura; Tracy, Glenn; Holahan, Gary; Jacobson, Jeffrey; Doane, Margaret; Abrams, Charlotte; Foggie, Kirk
Subject: URGENT: Chairman's Trip to China
Importance: High

Peter/Donna,

We were just informed that the Chinese National Energy Administration (roughly the DOE counterpart) will raise the following two AP 1000 issues during the nuclear energy discussion at next week's U.S.-China Strategic and Economic Dialogues (S&ED) in Beijing.

- AP 1000 coolant pumps
- AP 1000 shield wall

Can you please provide us (by tomorrow morning) background and talking points on these issues for the Chairman's briefing material. Also, please let me know right away if you think the Chairman needs an oral briefing on any of these issues so we can get you on his calendar.

Also Westinghouse and possibly the State Nuclear Power Technology Cooperation (SNPTC)—Westinghouse and Shaw's primary counterpart in China-- have indicated a desire to meet with the Chairman. Although these meetings are not yet confirmed, we will need talking points and background for them at the same time as the above request. In particular, the Chairman will be looking for talking points to raise re Mike and Jeff's observations at Sanmen. Note that the Chairman's background information for China includes a copy of Mike and Jeff's trip reports.

Thanks for your help and quick attention.