

## Jin Chung - Re: Followup Conference Call on Sump Strainer Issue

---

**From:** Jin Chung  
**To:** atsushi\_kumaki@mhi.co.jp; ck\_paulson@aol.com; masanori\_onozuka@mnes-us.com; shinji\_kawanago@mnes-us.com  
**Date:** 02/05/2008 12:20 PM  
**Subject:** Re: Followup Conference Call on Sump Strainer Issue  
**CC:** Christopher P Jackson; Jeff Ciocco; Jenise Thompson; Ruth Reyes-Maldonado; Shanlai Lu; Stephen Raul Monarque; Walton Jensen; Yi-Hsiung Hsii

---

In response to your proposed time and date for the follow-up conference call, NRC staff will be available to discuss the issues related to DCD acceptance review on sump strainer in Chapter 6.2 and 6.3.

Date & time: 2/8/2008, Friday, 8:30 am - 10 am  
 Bridge number: 1-888-677-5721  
 Passcode: 48042#

The following summarizes information needed for the acceptance review:

- A. FSAR Sections: 6.2 Containment system  
6.3 Emergency Core Cooling Systems
- B. Information needed:
  - 1. Containment sump strainer design specifications
  - 2. US-APWR containment sump versus RG 1.82, Revision 3 requirements
- C. Detail Information needed:
  - 1. Strainer Structural Analysis for structural qualification of the sump strainer assembly
  - 2. Evaluation and Analysis information include:
    - a. Break Selection
    - b. Debris Generation
    - c. Debris characteristics
    - d. Head Loss
    - e. Net Positive Suction Head
    - f. Downstream effects (core and ex-vessel)
    - g. Upstream effects
    - f. Chemical effects
- D. DCD Deficiencies: Inconsistency in containment sump strainer design: Passive disc, fin, or cassette-type
- E. If you have design options (i.e., disc or cassette type) and have not selected one, you may provide all of the above information (item B to D) and data for both design options.

Jin W. Chung  
 Sr. Project Manager  
 US-APWR Projects  
 (301) 415-1071  
[jwc2@nrc.gov](mailto:jwc2@nrc.gov)

**Mail Envelope Properties** (47A89AE9.3CC : 13 : 10966)

**Subject:** Re: Followup Conference Call on Sump Strainer Issue

**Creation Date** 02/05/2008 12:20:41 PM

**From:** Jin Chung

**Created By:** JWC2@nrc.gov

<b>Recipients</b>	<b>Action</b>	<b>Date &amp; Time</b>
aol.com PM ck_paulson (ck_paulson@aol.com)	Transferred	02/05/2008 12:21:01
mhi.co.jp PM atsushi_kumaki (atsushi_kumaki@mhi.co.jp)	Transferred	02/05/2008 12:21:01
mnes-us.com PM masanori_onozuka (masanori_onozuka@mnes-us.com) shinji_kawanago (shinji_kawanago@mnes-us.com)	Transferred	02/05/2008 12:21:01
nrc.gov OWGWPO01.HQGWDO01 PM LJB3 BC (Larry Burkhart)	Delivered	02/05/2008 12:20:52
	Opened	02/05/2008 12:50:11
nrc.gov OWGWPO03.HQGWDO01 PM JAC3 CC (Jeff Ciocco)	Delivered	02/05/2008 12:20:41
	Opened	02/05/2008 12:55:52
nrc.gov OWGWPO04.HQGWDO01 PM CPJ CC (Christopher P Jackson)	Delivered	02/05/2008 12:20:52
	Opened	02/05/2008 1:03:51
PM WLJ CC (Walton Jensen)	Opened	02/05/2008 1:20:06
PM YGH CC (Yi-Hsiung Hsii)	Opened	02/05/2008 12:43:18
PM		
nrc.gov		

TWGWPO01.HQGWDO01 PM	Delivered	02/05/2008 12:20:52
SXL2 CC (Shanlai Lu) PM	Opened	02/05/2008 1:53:28
nrc.gov TWGWPO02.HQGWDO01 PM	Delivered	02/05/2008 12:20:51
JMT4 CC (Jenise Thompson) PM	Opened	02/05/2008 12:21:44
nrc.gov TWGWPO03.HQGWDO01 PM	Delivered	02/05/2008 12:20:51
RRM1 CC (Ruth Reyes-Maldonado) PM	Opened	02/05/2008 12:25:42
SRM2 CC (Stephen Raul Monarque) PM	Opened	02/05/2008 12:53:53

**Post Office**

**Delivered**

**Route**

OWGWPO01.HQGWDO01	02/05/2008 12:20:52 PM	nrc.gov
OWGWPO03.HQGWDO01	02/05/2008 12:20:41 PM	nrc.gov
OWGWPO04.HQGWDO01	02/05/2008 12:20:52 PM	nrc.gov
TWGWPO01.HQGWDO01	02/05/2008 12:20:52 PM	nrc.gov
TWGWPO02.HQGWDO01	02/05/2008 12:20:51 PM	nrc.gov
TWGWPO03.HQGWDO01	02/05/2008 12:20:51 PM	nrc.gov

**Files**

**Size**

**Date & Time**

MESSAGE	3249	02/05/2008 12:20:41 PM
TEXT.htm	4983	

**Options**

<b>Auto Delete:</b>	No
<b>Expiration Date:</b>	None
<b>Notify Recipients:</b>	Yes
<b>Priority:</b>	Standard
<b>ReplyRequested:</b>	No
<b>Return Notification:</b>	None
<b>Concealed Subject:</b>	No
<b>Security:</b>	Standard
<b>To Be Delivered:</b>	Immediate

**Status Tracking:**

Delivered & Opened