

IPRenewal NPEmails

From: Daily, John
Sent: Tuesday, January 15, 2013 6:58 AM
To: IPRenewal NPEmails
Subject: FW: Review summary of telecon for comments: from December 12, 2012 conference call

John Daily

Senior Project Manager, Division of License Renewal
Office of Nuclear Reactor Regulation
USNRC

John.Daily@NRC.Gov

(301) 415-3873

From: Waters, Roger M. [<mailto:rwater1@entergy.com>]
Sent: Wednesday, January 09, 2013 10:46 AM
To: Daily, John
Subject: RE: Review summary of telecon for comments: from December 12, 2012 conference call

OK. As we are off Friday I will let you know by COB tomorrow.

Roger Waters
IPEC Licensing
914-254-7714

From: Daily, John [<mailto:John.Daily@nrc.gov>]
Sent: Wednesday, January 09, 2013 10:16 AM
To: Waters, Roger M.; Poehler, Jeffrey
Cc: IPRenewal NPEmails
Subject: Review summary of telecon for comments: from December 12, 2012 conference call
Importance: High

Please review for comments or questions and let me know by COB Friday 1/11/13.
Thanks.

John Daily

Senior Project Manager, Division of License Renewal
Office of Nuclear Reactor Regulation
USNRC

John.Daily@NRC.Gov

(301) 415-3873

RAI-11a

Reactor Vessel Internals Program and MRP-227-A

The staff noted that it had requested additional information on the approach to be used for the plant-specific evaluation of the lower support column bodies. The applicant's response indicates it plans to use a screening approach using the screening criteria for thermal aging embrittlement susceptibility from the staff's letter "License Renewal Issue No. 98-0030, Thermal Aging Embrittlement of Cast Austenitic Stainless Steel Components," dated May 19, 2000 (NRC ADAMS Accession No. ML003717179). The applicant had provided a table of screening criteria based on chemistry, casting method, and delta ferrite content. The staff also noted that its recommendation that, in order to account for a potential synergistic effect on loss of fracture toughness due to the combined effects of thermal embrittlement (TE) and neutron irradiation embrittlement (IE), the applicant should perform component-specific

assessments for components that will experience neutron fluence of 1×10^{17} neutrons per square centimeter (n/cm^2) or greater. Finally, the staff noted that MRP-191 indicates a threshold value that was significantly different from this recommendation.

The staff and Entergy discussed these issues and agreed to clarify the RAI in that, if the applicant desired to use a fluence value other than $1 \times 10^{17} n/cm^2$, then it will add justification as to why its stated threshold value is appropriate for Units 2 and 3.

In addition, in view of an expected industry template response to this issue due to be released in January 2013, the staff and Entergy agreed that the reply window for this RAI set would be 90 days from date of issue so the applicant can take the template into account in its response.

The applicant agreed that it would take the staff's questions into account as it prepares its response to RAI 11a. Both the staff and the applicant agreed that the discussion was useful in clarifying the RAI.

(Note: subsequent to the call it was determined to combine RAIs 11a and 15a into one issue letter, in January 2013.)

LIST OF PARTICIPANTS
December 12, 2012

| <u>PARTICIPANT</u> | <u>AFFILIATION</u> |
|--------------------|-------------------------------------|
| John Daily | Nuclear Regulatory Commission (NRC) |
| Jeff Poehler | NRC |
| Pat Purtcher | NRC |
| Roger Waters | Entergy |
| Nelson Azevedo | Entergy |
| Ted Ivy | Entergy |
| Bob Dolansky | Entergy |
| Cheryl Boggess | Westinghouse |
| Randy Lott | Westinghouse |
| Joshua McKinley | Westinghouse |
| Karli Szweda | Westinghouse |

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conference call
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Received Date: 1/15/2013 6:57:46 AM
From: Daily, John

Created By: John.Daily@nrc.gov

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"IPRenewal NPEmails" <IPRenewal.NPEmails@nrc.gov>
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