

Nazario, Tomy

From: Issa, Alfred
Sent: Wednesday, January 16, 2013 6:00 AM
To: Le, Tuan
Cc: Poehler, Jeffrey; King, Mark; Frye, Timothy; OBryan, Phil; Patel, Jay; Copeland, Douglas; Nazario, Tomy; Harmon, David
Subject: RE: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Tuan,

We'll do.

Tomy,

Can you please forward Westinghouse's NCR and any other relevant documents to us as they become available?

Thank you

Alfred Issa, P.E.
US NRC
Reactor Operations Engineer
alfred.issa@nrc.gov
(301) 415-5342

-----Original Message-----

From: Le, Tuan
Sent: Tuesday, January 15, 2013 12:41 PM
To: Issa, Alfred
Cc: Poehler, Jeffrey; King, Mark
Subject: RE: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Alfred,

This item does not directly impact to my current review of new reactors. However, this item is in the area of my technical review of SRP Section 03.09.03. I would appreciate that you would keep me in the loop for references.

Regards,

Tuan Le
Mechanical Engineer
U.S. Nuclear Regulatory Commission
NRO/DE/EMB
Tel: (301) 415-2297
Tuan.Le@nrc.gov

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-----Original Message-----

From: Colaccino, Joseph
Sent: Friday, January 11, 2013 4:54 PM

To: Le, Tuan

Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

FYI...

-----Original Message-----

From: Terao, David

Sent: Friday, January 11, 2013 9:19 AM

To: Colaccino, Joseph

Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Fyi...This is in EMB's area.

David Terao

-----Original Message-----

From: Issa, Alfred

Sent: Friday, January 11, 2013 8:29 AM

To: King, Mark

Cc: Frye, Timothy; Terao, David; Patel, Jay; Copeland, Douglas; OBryan, Phil; Pasquale, Daniel; Thomas, Brian; Shuaibi, Mohammed; Roach, Edward; Rasmussen, Richard; Luehman, James; Dudes, Laura

Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

FYI. Although the preliminary evaluation by Westinghouse concluded that the as-built configuration will be bounded by the vessel stress analysis, the incorrect modeling in the Rotterdam stress analysis generated non-conservative results. This highlights the importance of correctly modeling the as-built configuration in order to obtain conservative stress analysis results.

I will be checking with the region to see if a public form of this non-conformance exists and will present it for screening to the OpE clearinghouse.

Thank you

-----Original Message-----

From: Harmon, David

Sent: Friday, January 11, 2013 8:00 AM

To: Issa, Alfred

Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Thanks,

Dave Harmon

US NRC Construction Inspector
RII/CCI/DCI/CIB3 - Welding
404-997-4447

-----Original Message-----

From: Freeman, Scott

Sent: Thursday, January 10, 2013 2:38 PM
To: Artayet, Alain; Bartleman, John; Heisserer, Jamie; Harmon, David; Failla, David
Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

FYI for now.

-----Original Message-----

From: Michel, Eric
Sent: Wednesday, January 09, 2013 11:23 AM
To: Freeman, Scott
Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Scott,

This may require some interfacing with NRR eventually, and CIB3 probably ought to be in the loop. Just an FYI for now. The DE POC is Jeffrey Poehler.

Eric

-----Original Message-----

From: Nazario, Tomy
Sent: Wednesday, January 09, 2013 8:46 AM
To: Michel, Eric
Cc: Shaeffer, Scott; Poole, Justin; Monk, Robert
Subject: RE: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

This is a Unit 2 PER that impacts both Unit 1 and 2. I initially sent this PER to the Unit 1 residents to keep them in the loop. Based on what TVA and WH know right now, the preliminary evaluation concluded that the as-built condition will be bounded by the RPV stress analysis and therefore there is no modification planned. Nevertheless, this latent error may be something worth discussing at a broader level since the original analysis prepared by Rotterdam also covers Catawba 1 and McGuire 2. This should be passed along to the respective PM and branches, as needed. Also, we wanted to highlight this issue given some of the recent attention regarding Rotterdam vessels.

Once WH completes their final evaluation (which may take some time), it may be worthwhile to have someone with the expertise review the calculation. We'll continue to follow and review WH NCR as soon as it becomes available. Unless anyone else has any other thoughts, I don't think there is any immediate action required on the residents part.

-----Original Message-----

From: Michel, Eric
Sent: Wednesday, January 09, 2013 6:47 AM
To: Nazario, Tomy
Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Tomy,

I'm guessing you've read through this PER. Were you able to tell if this affects WB2? If so, can you send a copy of the PER and cc: CIB3? Any insight into what actions HQ is taking? Thanks.

Eric

-----Original Message-----

From: Poole, Justin
Sent: Tuesday, January 08, 2013 5:24 PM
To: Shaeffer, Scott; Monk, Robert; Nazario, Tomy; Michel, Eric
Cc: Hon, Andrew; Quichocho, Jessie; Poehler, Jeffrey
Subject: RE: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Scott,

I passed this on to a senior reviewer in the reactor vessel branch in NRR/DE (also one of the reviewers for WBN 2) and he was not aware of this. He was willing to be a POC.

-----Original Message-----

From: Quichocho, Jessie
Sent: Tuesday, January 08, 2013 3:18 PM
To: Poole, Justin; Hon, Andrew
Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Please review this for your facility and let me know a technical POC to assist RII for their work on the subject.

Thanks,
Jessie

Jessie Quichocho, Chief
Plant Licensing Branch LPL II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation
301-415-0209

-----Original Message-----

From: Shaeffer, Scott
Sent: Tuesday, January 08, 2013 2:04 PM
To: Quichocho, Jessie
Cc: Monk, Robert
Subject: FW: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Jessie,

Can you scope out whether NRR aware of these issues and if there is a lead person handling the overall reviews?

-----Original Message-----

From: Monk, Robert
Sent: Tuesday, January 08, 2013 9:59 AM
To: Shaeffer, Scott
Subject: Fw: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

Since this affects 8 vessels, should we get some technical support from NRR to ensure Westinghouse is appropriately handling this. Also, some other Westinghouse analysis are in th pot lacking funding. This doesn't look like it need to hang out.

Bob

This email is being sent from an NRC Blackberry device.

----- Original Message -----

From: Chattin, Linda

To: Nazario, Tomy; Patterson, Eric; Monk, Robert; Miller, Kenneth; VanDoorn, Peter

Sent: Tue Jan 08 09:36:45 2013

Subject: Emailing: PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

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PER 647214 Latent error in stress analysis for rx vessel core suppt block.pdf

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