

**From:** "White, Frostie (GE Infra, Energy, Non-GE)" <frostie.white@ge.com>  
**To:** "Martha Barillas" <MCB@nrc.gov>  
**Date:** 03/12/2007 1:33:58 PM  
**Subject:** FW: clarification on ESBWR DCD RAI 15.0-1 response

Martha,

Please see Mike Cook's response below. I will need to get an RE from Gerry Deaver's group to address reactor internal failure consideration based upon ASME code compliance if you need further information.

Frostie

Frostie A. White, PhD  
Regulatory Affairs  
910-675-6880  
GE Nuclear

Frostie,

RAI 15.0-1 does not consider failure of the chimney as an event. DCD Tier 2 Subsection 3.9.5 discusses reactor pressure vessel internals. The chimney is a reactor internal like the separator and the dryer and is designed to the same quality standards. Structural failures of reactor internals are not considered in the safety analysis. Any further discussion should come from the engineer responsible for reactor internals.

Thanks,  
Mike

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

From: Martha Barillas [mailto:MCB@nrc.gov]  
Sent: Monday, January 29, 2007 11:13 AM  
To: White, Frostie (GE Infra, Energy, Non-GE)  
Cc: Amy Cabbage  
Subject: clarification on ESBWR DCD RAI 15.0-1 response

Frostie,

The reviewer for RAI 15.0-1 reviewed GE's response to his question (MFN06-331) and would like clarification as to whether GE considered break up of the chimney as a transient in Table 15.0-1. It was unclear to him under what system name GE analyzed this scenario. Could you check if this scenario was analyzed and if so, under what system name category in Table 15.0-1 this falls under?

Thank You,

Martha C. Barillas  
Project Manager-ESBWR  
NRO/DNRL/NGE1  
301.415.4115  
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**CC:** "Cook, Mike M (GE Infra, Energy, Non-GE)" <mikeM.cook@ge.com>, "Wadkins, George (GE Infra, Energy, Non-GE)" <george.wadkins@ge.com>

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**From:** "White, Frostie (GE Infra, Energy, Non-GE)" <frostie.white@ge.com>  
**Created By:** frostie.white@ge.com

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