

From: Michael Webb
To: WBrice@entergy.com
Date: 5/3/04 9:19AM
Subject: RAI Questions regarding RBS Drywell Bypass Test Interval Extension - With attachment

Bill,

I have attached RAI questions that were formally forwarded to me by the staff of the Safety Programs Section of the Probabilistic Safety Assessment Branch regarding the River Bend Station License Amendment Request (LAR 2004-02) dated February 16, 2004, (NRC TAC MC2071) which seeks a one-time extension of the Drywell Bypass Test Interval.

These questions are unchanged from the draft ones I sent to you April 13, 2004.
In your response to NRC, please reference today's e-mail date.

Thanks,
Mike Webb
NRC Project Manager for Rver Bend Station
301-415-1347

CC: Robert Palla

River Bend Station
50-458

PM: Michael Webb

Mail Envelope Properties (409646E0.95D : 5 : 21368)

Subject: RAI Questions regarding RBS Drywell Bypass Test Interval Extension -
With attachment
Creation Date: 5/3/04 9:19AM
From: Michael Webb
Created By: MKW@nrc.gov

Recipients	Action	Date & Time
entergy.com WBrice (WBrice@entergy.com)	Transferred	05/03/04 09:19AM

nrc.gov owf2_po.OWFN_DO RLP3 CC (Robert Palla)	Delivered	05/03/04 09:19AM
--	-----------	------------------

nrc.gov owf4_po.OWFN_DO MKW BC (Michael Webb)	Delivered Opened	05/03/04 09:19AM 05/03/04 09:34AM
---	---------------------	--------------------------------------

Post Office	Delivered	Route
owf2_po.OWFN_DO	05/03/04 09:19AM	entergy.com
owf4_po.OWFN_DO	05/03/04 09:19AM	nrc.gov nrc.gov

Files	Size	Date & Time
MC2071RAI.wpd	6502	05/03/04 09:18AM
MESSAGE	1367	05/03/04 09:19AM

Options

Auto Delete:	No
Expiration Date:	None
Notify Recipients:	Yes
Priority:	Standard
Reply Requested:	No
Return Notification:	None

Concealed Subject:	No
Security:	Standard

To Be Delivered:	Immediate
Status Tracking:	Delivered & Opened

**NRC Staff Request for Additional Information Regarding
Drywell bypass leakage test (DWBT) Interval Extension for
River Bend Station (RBS)**

Request dated February 16, 2004
(TAC MC2071)

1. Over the past three years, NRC has issued at least four separate amendments to the River Bend Station (RBS) operating license based in part on risk considerations. These include amendments dated July 3, 2001 and August 16, 2001, allowing removal of the inclined fuel transfer system (IFTS) primary containment isolation blind flange and operation of the IFTS bottom valve when primary containment operability is required, an amendment dated September 25, 2002, extending the allowed outage time (AOT) for a Division I or Division II emergency diesel generator from 72 hours to 14 days, and an amendment dated March 5, 2003, allowing a one-time extension of the containment integrated leak rate test (ILRT) interval to 15 years. Please discuss whether and how each of these changes have been included in the baseline RBS PRA model used to support the present request for a one-time extension of the drywell bypass leakage test (DWBT) interval.
2. Please describe the major differences in models and assumptions between: Revision 3 of the PRA on which the IFTS change and ILRT extension were based, Revision 3A of the PRA on which the RBS diesel generator AOT extension was based, and Revision 3B of the PRA on which the current DWBT extension request is based. Provide a table summarizing the contribution to total CDF and total LERF by accident class for each of these PRA versions.
3. NRC recently issued amendments to the Grand Gulf and Clinton operating licenses extending the test interval for both the ILRT and the DWBT to 15 years. These amendments were based in part on a determination that the combined effect of both test interval extensions on risk was small. In contrast, Entergy previously requested and received a one-time extension of the containment ILRT interval to 15 years, and is now separately requesting a similar extension for the DWBT interval. To provide insights into cumulative risk impacts, please provide an assessment of the combined effect of the ILRT and DWBT interval extensions on risk (i.e., population dose, LERF, and conditional containment failure probability) similar to that provided in the baseline analyses for the other two Mark III plants.