



50 52-001

**GE Nuclear Energy**

**ABWR**

Date 5.28.92

Fax No. \_\_\_\_\_

To 11H3  
Chet Poslusny, NRC

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Subject ABWR PRA "Punch List"

Message This should be useful for the phone  
call on Monday. We think it is  
up to date.

- The missing pages.

050  
11

# ABWR Tasks to wrap up PRA

DSER item	SSAR Section	Title - Subtask	NRC Contact GE Contact	P I a n	A n a l	R e i e x	Next Actor	Date	Action	Comments	Details
S-i	n	Defend one trip per year	Kelly Duncan	v	n	v	NRC	TBD	Reflect agreement in SER.	NRC now agrees 1 trip/year as reasonable - <u>Item Resolved</u>	

C = Confirmatory item  
 S = Staff correction  
 O = Outstanding item  
 I = Interface requirement  
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 n = Not a DSER item

s = started  
 v = discussed verbally but not documented  
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# ABWR Tasks to wrap up PRA

DSER item	SSAR Section	Title - Subtask	NRC Contact GE Contact	P l a n i c w	A n a l i s i s	R e q u i r e m e n t s	Next Actor	Date	Action	Comments	Details
O-2	19D.3.1.4	Evaluate support system failure on plant trips	Kelly Raftery	v	s	s	GE	6/15	Document response	GE has provided (Jan. 27) draft material (HVAC failure) and list of other support system to be addressed. GE agreed to staff request to add loss of single AC or single DC bus. GE also agreed to 4/9 staff request to also consider loss of TBCCW system and RPV water level instrument failure. Further discussions (4/14) suggest all areas resolved. Calculation deferred to incorporate in requantification (item PRA-1).	Only HVAC affects requantification  Need to document the plan ASAP to avoid losing agreement!  Add circ water trip, no effect. 13: Needs HVACs from RPR + some mts, then looks ready. June 8 internal date.

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O-4		Outside containment LOCA	Kelly Frederick Knecht Vishu	s			NRC	TBD		Further discussions held 4/16: GE/NRC/Brook- haven, resulting in GE agreement to Supplement SSAR 19E.2.3.3: 1) use Beta's from ALWR KAG 2) & city conditional probabilities, 3) Explain how split fraction expansion factors, resistance coefficients and dP (t) were determined. Submitted 4/27. Preliminary NRC review indicates item resolved 5/4.	Backup plan being implemented. Try to avoid change to level 1 analysis. Backup date is 5/30. Resolution must address RWCU line breaks outside containment. ACRS 4/13/92 letter, para 10d.

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# ABWF Tasks to wrap up PRA

DSER item	SSAR Section	Title - Subtask	NRC Contact GE Contact	P I a n	A n a l i c w	R e v i e w	Next Date Actor	Action	Comments	Details
I-1		Confirm site loss of AC, other site specific parameters	Kelly Raftery	s	v	n		Applicant action <u>Item resolved.</u>		<i>Loop data will be much different in future. Therefore appropriate to defer to a applicant.</i>
Success Criteria (SC)										
C-2		ATWS Success Criteria to prevent core damage	Kelly Buchholz	c	c	v	NRC ?	Review submittal  Is this resolved?	Agreed SSAR treatment is adequate at San Jose 1/92 meeting. Documentation submitted 4/2/92	
n SC-1		ATWS RHR Success Criteria	Kelly Buchholz	c	c	v	NRC ?	Review submittal  Is this resolved?	Agreed SSAR treatment is adequate at San Jose 1/92 meeting. Documentation submitted 4/2/92	<i>On related issue response to Ruben question accepted</i>
n SC-2		RWCU as DIER Success (ACRS)	Kelly Paradiso				GE TBD		Minor design modification under review. Kelly, Paradiso discussed 5/27.	<i>Final resolution must address ACRS 4/14/92 letter, item 10e.</i>

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