



52-001

GE Nuclear Energy

ABWR

To BOB PALLA
NRC

Date 5 JUN 92

Fax No. _____

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Subject CHARTS FOR 8 JUNE MGT MEET

Message See page 7 - DCH Uncertainty
Anal.

We think staff (Brakhouan?)
request received June 5 is
much more than is needed
or practical to do.

Please set up phone call for
our Monday pm. Duncan, Engel
San Jose + Buchholz Chicago + you
and Brakhouan if needed.

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A PDR

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Status of Key PRA Activities

Highest Priority Items

- **Drywell head service level C capability**

Staff review plan unknown

- **GE/Staff closure on CETs, backend uncertainty analysis. Hope to achieve in Rockville meetings planned for June 12, 15. NRC management invited to status report June 15, 2pm.**

Status of Key PRA Activities (cont.)

GE reports status of all items about every two weeks. Most recent report - May 28. Most key items discussed with reviewers during past week.

Item

Status

RPS Reliability (0-1 on punch list)

Resolved

Fault Tree Updates (FT-1A, 1B)

**90% complete. Balance
(insignificant effect)
planned 6/30**

**Support system failure effect on
plant trips (0-2)**

**Most draft material submitted. OK.
Final documentation 6/15.**

Status of Key PRA Activities (cont.)

<i><u>Item</u></i>	<i><u>Status</u></i>
<i>Outside containment LOCA (0-4)</i>	<i>Resolved 5/4. Additional issues raised. 6/4 submittal expected to resolve issue for last time.</i>
<i>RWCU Decay Heat Removal (SC-2)</i>	<i>Isolation design modified, details provided to NRC 6/4. COL action descriptions due 6/30.</i>
<i>Common Cause Failure Studies (C-3, 0-5)</i>	<i>Submitted 5/30</i>
<i>Requantify level 1 (PRA-1A)</i>	<i>Submitted 5/22</i>

Status of Key PRA Activities (cont.)

<u>Item</u>	<u>Status</u>
Level 1 Uncertainty Analysis (0-18A)	Submittal planned 6/19
PRA input to Reliability Assurance (I-15)	Schedule: 6/15 (input from level 1), 6/30 (input from balance)
PRA input to ITAAC (PRA-3)	Preliminary: Submitted 5/30 Balance: 6/30
PRA as a Design Tool (0-22A)	Resolved

Status of Key PRA Activities (cont.)

<i>Item</i>	<i>Status</i>
<i>PRA Insights (0-22B)</i>	<i>Planned for 6/30</i>
<i>Shutdown Risk (0-20)</i>	<i>Design features, review of past events submitted 5/8. Balance planned for 6/30.</i>
<i>Fire PRA (0-12)</i>	<i>NRC review complete. Lawrence Livermore review expected 6/12.</i>
<i>Internal Flood (1-9)</i>	<i>Preliminary draft submitted 6/5. Final report: 6/30</i>
<i>Human Factors (C-5, 0-7, 0-8, 0-9, 0-10, 1-2, 1-3, 1-4, 1-5, 1-6, 1-7)</i>	<i>Sensitivity study, important action descriptions, references submitted 6/1. References for other actions planned for 6/30.</i>

Status of Key PRA Activities (cont.)

<i>Item</i>	<i>Status</i>
<i>Service Level C for drywell lead (BA-2)</i>	<i>Safety factor questioned by staff. New GE submittal under review. Key Item!</i>
<i>Isolation failure during seismic event (O-19)</i>	<i>GE submittal of 6/4 expected to resolve issue</i>
<i>Margins Analysis (SA-2)</i>	<i>Scheduled for 6/30.</i>
<i>Update consequence analysis, including basis for EPZ Simplification (CA-3, 4)</i>	<i>Scheduled for 6/30. Need staff agreement on CETs, backend uncertainty analysis mid June.</i>

Backend Analyses and Severe Accident Closure

Issue Screening for Applicability to ABWR

Accepted by Staff on 5/26

***Sensitivity Studies - Includes Pool Bypass
and Final Resolution of FCI***

***Submitted 6/5. To be discussed in
Rockville.***

DCH Uncertainty Analysis

***Comments received from staff on
6/5. To be discussed in
Rockville plus phone call
June 8.***

CCI /Coolability Uncertainty Analysis

***Detailed Presentation planned
for Rockville. Immediate
feedback from the staff will
be needed.***

Backend Analyses and Severe Accident Closure (cont.)

Pool Bypass Uncertainty Analysis

Decomposition trees and probabilities to be discussed in Rockville

Rupture Disk Justification and Setpoint

Basis for setpoint and tradeoffs to be discussed in Rockville

Accident Management

***Comments received on 6/5. GE submittal insufficient?!
Phone call June 8.***

Other SA Closure Issues

Staff concerns received on 6/5. To be discussed in Rockville.

Coming soon to a theater near you !

Close severe accident issues !
(someway, somehow)

Broad range of topics !
(see the previous page)

Intensive two day session !
(long, hard days)

Cast of thousands !
(Palla and Kudrick, or their reps needed full time)

Meet the stars !
(Congel and Thadani invited to Monday wrapup)

June 12 and 15

Rockville