



52-001

GE Nuclear Energy

ABWR

Date 5 JUN 92

Fax No. _____

To BOB PALLA
NRCThis page plus 9 page(s)

From

JACK DUNCAN
WR GENT

Mail Code _____

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(408) 925-1193
or (408) 925-1687Subject CHARTS FOR 8 JUNE MGT MEETMessage See page 7 - DCH Uncertainty
Anal.We think staff (Bratkman?)
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 + Buckholz Chicago + you
and Bratkman if needed.

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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.

<u>Item</u>	<u>Status</u>
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 (1-15)	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><u>Item</u></i>	<i><u>Status</u></i>
<i>PRA Insights (O-22B)</i>	<i>Planned for 6/30</i>
<i>Shutdown Risk (O-20)</i>	<i>Design features, review of past events submitted 5/8. Balance planned for 6/30.</i>
<i>Fire PRA (O-12)</i>	<i>NRC review complete. Lawrence Livermore review expected 6/12.</i>
<i>Internal Flood (I-9)</i>	<i>Preliminary draft submitted 6/5. Final report: 6/30</i>
<i>Human Factors (C-5, O-7, O-8, O-9, O-10, I-2, I-3, I-4, I-5, I-6, I-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><u>Item</u></i>	<i><u>Status</u></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