



GE Nuclear Energy

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April 28, 1995

MFN No. 068-95
Docket STN 52-004

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington DC 20555

Attention: Theodore E. Quay, Director
Standardization Project Directorate


Subject: **SBWR, MINUTES OF TELECON WITH NRC ON APRIL 6, 1995.**

Reference: Letter MFN No. 046-95, J. E. Quinn (GE) to R. W. Borchardt (NRC),
SBWR Test and Analysis Program Description, dated April 13, 1995.

Attached please find the GE Minutes of the Subject Telecon. The Attachment documents the terms of the agreement on the TRACG Model (NEDE-32176) Outline, comments on the TRACG Qualification (NEDE-32177) Supplement, comments regarding Preliminary Validation Results, and a commitment to provide an Outline of the TRACG Application (NEDE-32178) report revision.

This agreement completes Item 58 of Attachment 2 to the Referenced letter

Sincerely,


James E. Quinn, Projects Manager
LMR and SBWR Programs

Attachment: Minutes of Telecon with NRC on April 6, 1995.

cc: P. A. Boehnert (NRC/ACRS) (2 paper copies plus E-Mail w/encl.)
I. Catton (ACRS) (1 paper copy plus E-Mail w/encl.)
S. Q. Ninh (NRC) (2 paper copies plus E-Mail w/encl.)
J. H. Wilson (NRC) (1 paper copy plus E-Mail w/encl.)

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Attachment to MFN No. 068-95

Minutes of Telecon with NRC on April 6, 1995

Participants:

NRC

Son Ninh
Jim Wilson
Bob Jones
Tim Collins
Md. Razzaque
Andre Drozd
Mike Snodderley

BNL

Kumar Rohatgi
Peter Kroeger

EPRI

Tom Fernandez
Ram Srinivasan

GE

Bharat Shiralkar
John Leatherman
Jens Andersen (Wilmington)
Terry McIntyre (part-time)



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Summary of discussion:

1. Model LTR Revision

a) Outline is acceptable to Reactor Systems Branch (Collins) and to Containment Branch (Drozd), provided the applicability to the containment is clearly delineated in each section. Drozd was also requested to provide input on any specific additional information that he would like to see in the report.

2. Qualification LTR Supplement

a) Uncertainty section looks skimpy (Collins). It was clarified that the uncertainties in the major model parameters would be defined in this LTR. The actual uncertainty analysis would be documented in the Application LTR. Both LTRs are scheduled to be submitted simultaneously (March 31, 96). The split of the material between reports and a roadmap is provided in the TAPD, Rev. B.

b) The approach to treat the effects of mixing in the drywell will be discussed in the Application LTR.

c) Choice of the nodalization for test facilities vs. SBWR will be treated through both scaling groups and nodalization studies as appropriate.

c) Numerical values of differences between data and predictions will be provided in addition to qualitative descriptions of goodness of comparisons.

d) Use of Ontario Hydro data. Data will be used only for confirmatory purposes (third party, non NQA-1 data). Comparisons will be included in Qualification LTR.

e) Effects of scaling distortions in test facilities. No general, quantitative methodology exists for accounting for distortions. If the distortions are in the major parameters, some allowance will have to be made for a scaling bias.

3. Preliminary Validation Results

a) These will be provided to give the NRC an early look at the TRACG predictions of data.

b) The schedules for these "quick look" reports will be provided to the NRC in early May.

4. An outline of the Application LTR Revision will be provided to the NRC in early May.