



GE Nuclear Energy

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February 15, 1996

MFN 019-96
Docket No. 52-004

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

Attention: Theodore E. Quay, Director
Standardization Project Directorate

Subject: **SBWR - Status and Schedule**

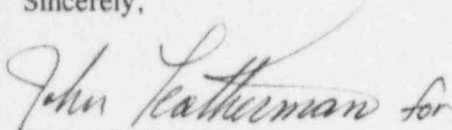
Reference: 1. Telephone Requests, S. Ninh (NRC) to J. E. Leatherman (GE), Same Subject, February 5 and 12, 1995.

This letter is written in response to the Reference 1 Requests from your Staff asking for current status and schedules from GE's point of view. These requests were made in order to help NRC plan for near term and future resource requirements. Attachment 1 to this letter, *SBWR Status & Schedule*, identifies recent past milestones and current and future open items, by program element. As requested in Reference 1, we have suggested NRC dates using prior informal guidance from NRC. We have not yet reached agreement on these specific dates, but wish to do so as quickly as possible.

Attachment 2 to this letter, *SBWR - NRC Payments*, provides the payments we have made to the NRC for the last four years. We would also like to review this with you to obtain an estimate of the NRC expenditures required to complete the open items in Reference 1.

We wish to schedule an extended conference call or meeting with you on these topics in the next two weeks.

Sincerely,


James E. Quinn

Attachments: 1. SBWR Status & Schedule 2/14/96
2. SBWR - NRC PAYMENTS

| | | | |
|-----|-------------------|------------|------------------------------|
| cc: | P. A. Boehnert | (NRC/ACRS) | (2 paper copies plus E-Mail) |
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SBWR Project File (1 paper copy plus E-Mail w/o att.)

SBWR Status & Schedule 2/14/96

| ITEM | STATUS | ACTION | DATE | ORIGINAL DATE | COMMENTS |
|--|-----------|----------|-------------|---------------|---------------------------------------|
| TAPD | | | | | |
| DRAFT | Submitted | GE | 8/10/94 | | |
| Rev. A | Submitted | GE | 9/15/94 | | |
| NRC DSER | Issued | NRC | 11/25/94 | | |
| ACRS/NRC/GE | Meeting | ACRS | 12/15&16/94 | | DSER & TRACG Issues |
| NRC/GE | Meetings | NRC | 1/9&11/95 | | DSER & TRACG Issues |
| ACRS/NRC/GE | Meetings | ACRS | 1/10&12/95 | | DSER & TRACG Issues |
| MFN 018-95 | Submitted | GE | 2/14/95 | | Closure Process & List |
| Rev. B | Submitted | GE | 4/13/95 | 4/17/95 | Programmatic Issues Close |
| Rev. C | Submitted | GE | 8/28/95 | 8/31/95 | Testing Issues Closed |
| Supplement 1 | Submitted | GE | 8/28/95 | 8/31/95 | PIRT Parameters |
| Scaling Report/0 | Submitted | GE | 8/16/94 | | MFN 095-94 |
| Scaling Report/1 | Submitted | GE | 10/13/95 | 8/31/95 | Increased scope, Scaling Issues Close |
| ACRS/NRC/GE | Meeting | GE | 11/28&29/95 | | Major SR Issues Closed |
| Scaling Report | Meeting | NRC | ~2/15/95 | | Preliminary Feedback |
| TAPD FSER | Open | NRC | ~5/96 | 12/95 | Date Improvement Needed |
| SR Acceptance | Open | NRC | ~9/96 | | Scope Defn. / Date Improve Needed |
| SBWR Vacuum Breakers | | | | | |
| Close NRC participation during Manufacture and Testing | | | | | |
| MFN 065-94 | Submitted | GE | 5/2/94 | | RAI 900.62, Design & Test |
| MFN 113-94 | Submitted | GE | 9/26/94 | | RAI 900.63, Analyses |
| ACRS/NRC/GE | Meetings | ACRS/NRC | 1/9-12/95 | | Identified VBSF Issue |
| MFN 018-95 | Submitted | GE | 2/14/95 | | Issue Closure Plan |
| MFN 021-95 | Submitted | GE | 2/16/95 | | SFE & White Paper |
| NRC Letter | Delay | NRC | 8/22/95 | | SFE - Design Resumption |
| MFN 216-95 | Open | NRC | 11/7/95 | | VB Testing Closure |

| ITEM | STATUS | ACTION | DATE | ORIGINAL DATE | COMMENTS |
|---|---------------------------|---------------|---------------------|---------------|--|
| TRACG | | | | | |
| Conainment MFN 074-95 | Meeting Submitted | NRC/GE GE | 3/8&9/95 5/11/95 | | San Jose Analysis Deliverables Application LTR Outline |
| Model LTR PANTHERS | Issued Meeting | NRC NRC/GE | 10/3/95 2/15/96 | 10/95 | Progress Report, DSER NOT issued. Post Test Analyses |
| Model/1 LTR | Open | GE | ~2/24/96 | 12/31/95 | MFN 008-96 |
| Model LTR DSER | Open | NRC | TBD | 4/96 | Date needs to be confirmed |
| Qual LTR Suppl. | Open | GE | ~8/28/96 | 3/31/96 | Delays in testing, increased scope |
| Appl LTR Rev. | Open | GE | ~9/26/96 | 3/31/96 | Delays in testing, increased scope |
| Qual Supp. DSER | Open | NRC | TBD | 5/96 | Date needed |
| Appl LTR DSER | Open | NRC | TBD | 5/96 | Date needed |
| Model LTR FSER | Open | NRC | TBD | 9/96 | Date needed |
| Qual Supp. FSER | Open | NRC | TBD | 9/96 | Date needed |
| Appl LTR FSER | Open | INRC | TBD | 9/96 | Date needed |
| Testing | | | | | |
| See TAPD, above; Weekly Scheduled GE/NRC Phone Call | | | | | |
| MFN 030-95 | Submitted | GE | 2/21/95 | 2/95 | Testing Deliverables |
| GIRAFFE | Meeting | NRC/GE | 3/8&9/95 | | |
| GIRAFFE | QA Audit | NRC/GE | 6/8-14/95 | | Toshiba, Japan - Successful |
| MFN 136-95 | Submitted | GE | 7/28/95 | 7/29/95 | Testing RAI Responses |
| PANTHERS | QA Audit | NRC/GE | 7/19-21/95 | | SIET, Italy - Successful |
| PANTHERS | Meeting | NRC/GE | ~2/15/96 | | Test Results |
| PANDA | QA Audit | NRC/GE | ~3/5-8/96 | | PSI, Switzerland - Planned |
| Test Deliverables | Open | GE | | | ASAP after test complete, ~1/week |
| <i>Current status of Testing Deliverables:</i> | | | | | |
| PANTHERS | ~18 delivered / ~19 total | | | | |
| GIRAFFE | ~9 delivered / ~18 total | | | | |
| PANDA | ~13 delivered / ~26 total | | | | |
| TOTAL | ~40 delivered / ~63 total | | | | |
| Testing Summary | Open | GE | ~6/21/96 | 3/25/96 | Key Report |
| NRC Letter | Open | NRC | ~8/96 | | Concurrence Testing Report Complete |

SBWR - NRC PAYMENTS
(Period Covered)

| | | 2Q92 | 3Q92 | 4Q92 | 1Q93 | 2Q93 | 3Q93 | 4Q93 | 1Q94 | 2Q94 | 3Q94 | 4Q94 | 1Q95 | 2Q95 | 3Q95 | 4Q95 | 1Q96 | 2Q96 | 3Q96 | 4Q96 |
|-----------------|-------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|------|------|------|
| SBWR | QTRLY | 49.7 | 196.5 | 336.4 | 169.1 | 265.7 | 402.0 | 392.0 | 400.6 | 531.1 | 78.6 | 428.9 | 273.2 | 303.2 | 276.7 | 272.1 | | | | |
| | CUM | 49.7 | 246.2 | 582.6 | 751.8 | 1017.4 | 1419.4 | 1811.4 | 2212.0 | 2743.1 | 2821.7 | 3250.6 | 3523.8 | 3827.0 | 4103.7 | 4375.8 | | | | |
| TRACG | QTRLY | | | 3.1 | 7.1 | 27.1 | 66.5 | 71.8 | 32.4 | 27.7 | 23.6 | 41.4 | 56.9 | 89.1 | 117.5 | 58.6 | | | | |
| | CUM | | | 5.1 | 10.2 | 37.3 | 103.8 | 175.6 | 208.0 | 235.7 | 259.3 | 300.8 | 357.7 | 446.8 | 564.3 | 622.9 | | | | |
| CY TOTAL | | | | 585.7 | | | | 1401.3 | | | | 1564.4 | | | 1447.3 | | | | | |
| TOTAL QUARTERLY | | 49.7 | 196.5 | 339.5 | 176.3 | 292.7 | 468.5 | 453.8 | 433.0 | 558.8 | 102.3 | 470.3 | 330.2 | 392.2 | 394.2 | 330.7 | | | | |
| CUM TOTAL | | 49.7 | 246.2 | 585.7 | 762.0 | 1054.7 | 1523.2 | 1987.0 | 2420.0 | 2978.8 | 3081.1 | 3551.4 | 3881.5 | 4273.8 | 4667.9 | 4998.7 | | | | |

| Item | Date | Status | Action | Comments |
|------------|----------|--------|--------|--------------------|
| NRC Letter | 06/27/95 | Open | NRC | LLNL - SBWR ITAACS |
| MFN 108-95 | 07/14/95 | Open | NRC | LLNL - SBWR ITAACS |
| MFN 255-95 | 11/21/95 | Open | NRC | SSAR Chaps. 4 & 19 |
| NRC Letter | 01/17/96 | Open | NRC | SSAR Chaps. 4 & 19 |
| MFN 013-96 | 02/01/96 | Open | NRC | SSAR Chaps. 4 & 14 |

