



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

PDR-016

FEB 18 1986

Mr. Steven C. Sholly  
MHB Technical Associates  
1723 Hamilton Avenue, Suite K  
San Jose, CA 95125

IN RESPONSE REFER  
TO FOIA-85-772

Dear Mr. Sholly:

This is in further response to your letter dated November 22, 1985, in which you requested, pursuant to the Freedom of Information Act (FOIA), copies of all containment analyses and source term estimates for the Shoreham nuclear power plant and all records concerning the "Source Term Code Package" related to NUREG-0956.

The records listed on the enclosed Appendix C are being placed in the NRC Public Document Room (PDR), with the exception of the record listed at number 25 of this appendix. This record is being withheld in its entirety from public disclosure pursuant to Exemption (5) of the FOIA (5 U.S.C. 552(b)(5)) and 10 CFR 9.5(a)(5) of the Commission's regulations. This record contains candid, predecisional advice, opinions, and recommendations by a NRC staff person regarding the strategy for the Battelle code package, the release of which would tend to inhibit the open and frank exchange of ideas essential to the deliberative process.

Pursuant to 10 CFR 9.9 of the Commission's regulations, it has been determined that the information withheld is exempt from production or disclosure, and that its production or disclosure is contrary to the public interest. The persons responsible for this denial are the undersigned and Mr. Robert B. Minogue, Director, Office of Nuclear Regulatory Research.

This denial may be appealed to the NRC Executive Director for Operations within 30 days from the receipt of this letter. As provided in 10 CFR 9.11, any such appeal must be in writing, addressed to the Executive Director for Operations, U.S. Nuclear Regulatory Commission, Washington, DC 20555, and should clearly state on the envelope and in the letter that it is an "Appeal from an Initial FOIA Decision."

This completes NRC's action on your request.

Sincerely,

Donnie H. Grimsley, Director  
Division of Rules and Records  
Office of Administration

Enclosure: As stated

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**TECHNICAL ASSOCIATES**  
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November 22, 1985

FREEDOM OF INFORMATION  
ACT REQUEST

**FOIA-85-772**  
**Rec'd 11-26-85**

Mr. J.M. Felton, Director  
Division of Rules and Records  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

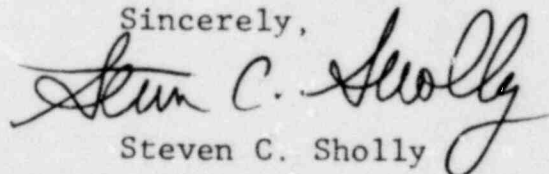
Dear Mr. Felton:

Pursuant to the Freedom of Information Act, please make available at the Commission's Washington, D.C., Public Document Room copies of records in the following categories:

- A. Any and all containment analyses and source term estimates prepared by any party for the Shoreham Nuclear Power Plant. This request includes, but is not limited to, any internal NRC staff estimates, any evaluations prepared by Brookhaven National Laboratory as part of its review of the Shoreham Probabilistic Risk Assessment, and any evaluations prepared by Stone and Webster Engineering Corporation (SWEC).
- B. All records concerning the so-called "Source Term Code Package", an integrated form of the source term computer codes used in the BMI-2104/NUREG-0956 source term studies.

If there are any questions regarding this request, please do not hesitate to contact me directly by telephone at (408) 266-2716. Your attention to this request is appreciated.

Sincerely,

  
Steven C. Sholly

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APPENDIX C

1. Undated Handwritten notes Re: Vanesa-Naua Interface w/enclosure TRAP-MESLT3 Revisions for Code Package (10 pages)
2. 07/1984 Task Title: Source Term Code Package Preparation - R. Meyer, J. Gieseke (17 pages)
3. 01/08/85 Letter to Dr. James Gieseke from R. Meyer Re: Source Term Code Package Specifications w/enclosures Ltr. dtd. 11/9/84 to Ralph Myer from James Gieseke and Informal Report on Source Term Code Package Specifications (27 pages)
4. 04/16/84 Memo to M. Silberberg from Ralph Meyer Re: NRC Source Term Code Package (2 pages)
5. 05/1985 Monthly Highlights for May 1985 - Source Term Code Package Verification (1 page)
6. 05/29/85 Memo to D. Ross from R. Meyer Re: Source Term Code Package w/enclosures A new section in NUREG-0956, 4/16/85 memo on code package and Part of the BNL 189 (9 pages)
7. 06/1985 Monthly Highlights for June 1985 - Source Term Code Package Verification (1 page)
8. 07/1985 Monthly Highlights for July 1985 - Verification of Source Term Code Package Calculations (2 pages)
9. 08/1985 Monthly Highlights for August 1985 - Source Term Code Package Verification (1 page)
10. 08/1985 Monthly Highlights for August 1985 - Verification of Source Term Code Package Calculations (1 page)
11. 08/29/85 Letter to Richard Denning from M. Silberberg Re: Decay Heat Calculation (3 pages)
12. 09/1985 Monthly Highlights for September 1985 - Source Term Code Package Verification (2 pages)

APPENDIX C

(CONTINUED)

13. 09/1985 Monthly Highlights for September 1985 - Verification of Source Term Code Package Calculations (1 page)
14. 09/04/85 Memo to M. Ernst from M. Silberberg Re: Memo of Understanding on Code Package (2 pages)
15. 09/25/85 Weekly - Fuel Systems Research Branch Sheet (1 page)
16. 10/1985 Monthly Highlights for October 1985 - Verification of the Source Term Code Package (2 pages)
17. 10/1985 Monthly Highlights for October 1985 - Source Term Code Package Verification (1 page)
18. 10/17/85 NRC Source Term Code Package and Its Application (5 pages)
19. 10/23/85 Status of the Source Term Code Package at BNL (1 page)
20. 10/28/85 Letter to Bernard Saffell from J. Silberberg Re: Request for a Change to Control-rod Vaporization Model in Source Term Code Package w/enclosures Ltr. dtd. 10/22/85 to R. Meyer, Memo dtd 3/30/84 to Silberberg, Vaporization and Aerosol Generation from Silver Alloy Control Rods and various drawings (20 pages)
21. 11/04/85 Status of Source Term Code Package (5 pages)
22. 11/07/85 Letter to Bernard Saffell from M. Silberberg Re: Aerosol Groupings for In-Vessel and Containment Aerosol Codes w/enclosure Table 1 (3 pages)
23. 11/13/85 Letter to Bernard Saffell from M. Silberberg Re: Memo of Understanding on Code Package w/enclosure Figure (3 pages)
24. 11/18/85 Letter to Bernard Saffell from M. Silberberg Re: Approval for Battelle to distribute manuals, listings, and tapes (1 page)
25. 12/14/84 Note to M. Silberberg from Ralph Meyer Re: Strategy for the Battelle Code Package (2 pages)