

# UNION OF CONCERNED SCIENTISTS

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21 June 1985

**FREEDOM OF INFORMATION  
ACT REQUEST**

FOIA-85-447

rec'd 6/24/85

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 documents in the categories discussed below. These documents are referenced in Draft 1, NUREG-0956, REASSESSMENT OF THE TECHNICAL BASES FOR ESTIMATING SOURCE TERMS, May 24, 1985.

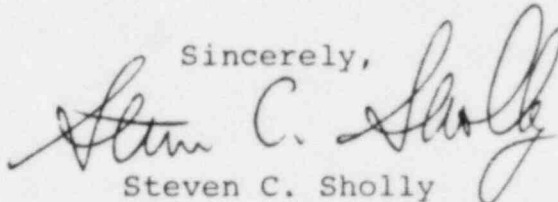
- A. W.T. Pratt, et al., REVIEW AND EVALUATION OF THE ZION PROBABILISTIC SAFETY STUDY, VOLUME 2: CONTAINMENT AND SITE CONSEQUENCE ANALYSIS, Brookhaven National Laboratory, NUREG/CR-3300, Vol. 2 (BNL-NUREG-51677), any version after 1983.
- B. Letter dated June 29, 1984, from R.J. Henninger (Los Alamos National Laboratory) to J.T. Han (NRC), "Vapor Circulation in the Upper Vessel of the Surry PWR for the TMLB' Accident Sequence."
- C. H. Jordan, REPORT ON TRAP-MELT/MERGE MERGING, Battelle Columbus Laboratories, enclosure in letter from J.A. Gieseke (Battelle Columbus Laboratories) to R. Meyer (NRC), April 11, 1985.
- D. D.A. Powers and J.E. Brockmann, VANESA, A MECHANISTIC MODEL OF AEROSOL GENERATION DURING CORE DEBRIS INTERACTIONS WITH CONCRETE, Sandia National Laboratories, any and all drafts.
- E. H. Bunz, M. Kayro, and W. Schoch, NAUA MOD 4: A CODE FOR CALCULATING AEROSOL BEHAVIOR IN LWR CORE MELT ACCIDENTS, Kernforschungszentrums Karlsruhe, KfK-3554, August 1983, including any English language translations of this report.
- F. L.S. Nelson & G.D. Valdez, CONSEQUENCES OF HYDROGEN COMBUSTION IN THE PRESENCE OF AEROSOLS, Sandia National Laboratories, in SNL Bi-Monthly Report to the NRC for December 1984 and January 1985, enclosure to letter dated April 2, 1985, from J.V. Walker (Sandia National Laboratories) to R. Minogue (NRC).

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- G. D.A. Powers, R.M. Elrick, & R.A. Sallach, HIGH-TEMPERATURE FISSION-PRODUCT CHEMISTRY, Sandia National Laboratories, in SNL Summary of Activities and Results for FY 1984, enclosure to letter dated February 1, 1985, from J.V. Walker (Sandia National Laboratories) to O.E. Bassett (NRC).
- H. J.A. Gieseke, et al., INFORMAL REPORT ON SOURCE TERM PREDICTIONS FOR VARIOUS CONTAINMENT FAILURE ASSUMPTIONS TO U.S. NUCLEAR REGULATORY COMMISSION, Battelle Columbus Laboratories, August 29, 1984.
- I. Letter dated January 10, 1985, from Edward A. Warman (Stone and Webster Engineering Corporation) to Mel Silberberg (NRC).
- J. Letter dated February 20, 1985, from Peter Cybulskis (Battelle Columbus Laboratories) to Jocelyn Mitchell (NRC).
- K. Letter dated March 4, 1985, from Arlin K. Postma (Benton City Technology) to Jocelyn Mitchell (NRC).
- L. COMMENT TRACKING SYSTEM; List of Comments and collection of comment letters from the members of the Technical Expert Peer Review Group (on NUREG-0956/BMI-2104).

If there are any questions regarding this request, please contact me by telephone at (202) 296-5600. As there are a number of documents subject to this request, I request that you make partial responses as documents become available. Your cooperation in responding to this request is appreciated.

Sincerely,

  
Steven C. Sholly  
Technical Research Associate