



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

PDR-016

January 31, 1983

Mr. Steven C. Sholly
Technical Research Assistant
Union of Concerned Scientists
1346 Connecticut Avenue, N.W.
Suite 1105
Washington, DC 20036

IN RESPONSE REFER
TO FOIA-82-530

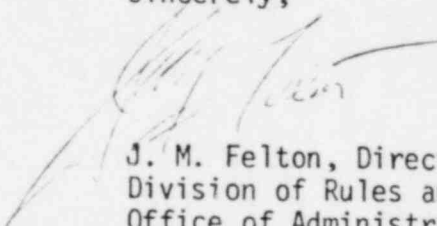
Dear Mr. Sholly:

This is in further response to your letter dated November 2, 1982, in which you requested, 22 categories of documents identified in your letter.

The documents listed on Appendix A are being placed in the NRC Public Document Room (PDR).

Two additional documents, relevant to your request, are undergoing review for safeguards information. You will be notified of our determination when our review is completed.

Sincerely,



J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosure: Appendix A

Appendix A

1. 9/15/80 Chronological Record of Inquiry or Investigation (2 pages)
2. 9/13/80 Memo for File from J. W. Devlin re: Salem Unit 1 (DN 50-272) - Potential Act of Sabotage (1 page)
3. 9/25/80 Letter to Boyce H. Grier from F. P. Librizzi re: Security Incident Report (2 pages)
4. 10/22/80 Memo for Dudley Thompson from Boyce H. Grier re: Salem Nuclear Generating Station, Unit 1 (DN 50-272); Region I Investigation of Potential Act of Industrial Sabotage (37 pages)
5. 2/4/81 Letter to Boyce H. Grier from R. A. Uderitz re: Salem Unit 1 Technical Specifications (3 pages)
6. 2/26/81 Handwritten Note from Roy Smith re: Telecon to W. Ward (5 pages)
7. 6/5/81 Nuclear Operators Report (11 pages)
8. 6/6/81 Standby Statement: Emergency Valve Tampering at BVPS (1 page)
9. 8/7/81 Draft Fax for E. Greenman re: Attempted Sabotage at Beaver Valley Power Station, Unit 1 (2 pages)
10. 6/8/81 Preliminary Notification of Safeguards Event--PNS-I-81-11 (2 pages)
11. 6/9/81 Various Handwritten Notes, Tables, and Photographs (75 pages)
12. 6/9/81 Memo for Raymond E. Shepherd from Boyce H. Grier re: Authority to Administer Oaths or Affirmations (1 page)
13. 6/9/81 Letter to J. A. Werling from W. S. Lacey re: June 2, 1981 Auto-Stop Of The 1A Main Feedwater Pump (2 pages)
14. 6/13/81 Handwritten Notes on Various Subjects (29 pages)
15. 6/15/81 Memo for Ray Smith from William J. Ward re: Sabotage Investigation At Beaver Valley NGS (2 pages)
16. 6/17/81 Handwritten Notes re: Sampling Containment (5 pages)
17. 8/6/81 Preliminary Notification of Event or Unusual Occurrence--PNB-I-81-85 (2 pages)
18. 5/1/82 Office of Investigations Investigation Status Sheet re: Salem Unit 1: Possible Tampering with Wide Range Level Recorder on 5/1/82 (1 page)

Appendix A

19. 8/9/82 Office of Investigations Investigation Status Sheet re: Salem: Possible Tampering (1 page)
20. 8/10/82 Daily Report - Region I - to James Blaha from Ronald C. Haynes re: Various Plants (1 page)
21. 8/16/82 Office of Investigations Investigation Status Sheet re: Salem 2: Possible Tampering with Diesel Generator (1 page)
22. 8/16/82 Post Assignments (7 pages)
23. 8/17/82 Typed Notes re: Closing on August 15, 1982 of Two Diesel Air Valves (3 pages)
24. 8/17/82 Daily Status Report (1 page)
25. 8/18/82 Security Performance Evaluation (1 page)
26. 8/18/82 Daily Report - Region I - to James Balaha from Ronald C. Haynes re: Various Nuclear Power Plants (4 pages)
27. 9/7/82 Office of Investigations Investigation Status Sheet re: Salem 1: Unplanned Release of Radioactive Gas; Suspected Tampering with Manual Drain Valve on Vent Line of Volume Control Tank (1 page)
28. 9/7/82 Daily Report - Region I - re: Salem Units 1 and 2 and Yankee Nuclear Power Station (1 page)
29. 9/23/82 Office of Investigations Report of Investigation re: Salem 1 Nuclear Generating Station Mispositioning of AC Output Breaker Switch (40 pages)
30. 5/1-5/82 Office of Investigations Report of Investigation re: Salem Unit 1 - Potential Tampering with No. 13 Steam Generator Wide Range Level Recorder (24 pages)
31. 10/11/82 Memo for Case File I-82-072 from R. A. Matakas re: Inquiry Into the Closing of Two Valves on a Salem Unit 2 Emergency Diesel Generator on August 16, 1982 (3 pages)
32. 8/9/82 Handwritten Notes re: Key Card Tracing (2 pages)
33. Undated Chart of Personnel Who Were in the Relay at About the Time of the Trip (5 pages)
34. Undated Memo for Case File I-82-076 from R. K. Christopher re: Report of Inquiry; Unplanned Gaseous Release at Salem Nuclear Generating Station Unit 1 (21 pages)

Appendix A

35. 8/16/79 Data Sheet (1 page)
36. 8/16/82 Card Access History (2 pages)
37. Undated Various Drawings and Photographs (9 pages)
38. Undated Handwritten Notes re: Keys to Doors (6 pages)
39. Undated 27 Questions (1 page)
40. 6/5/81 Duquesne Light Company, Beaver Valley Unit No. 1, Shift Operating Report (2 pages - illegible copy)

Union of
**CONCERNED
SCIENTISTS**

2 November 1982

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

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-82-530

Rec'd 11-4-82

Dear Mr. Felton:

Pursuant to the Freedom of Information Act, please make available at the NRC's Public Document Room (1717 H Street, N.W.) copies of documents in the following categories:

A. SPECIFIC NAMED REPORTS

1. NUREG/CR-2724, SAND82-1111, D. E. Bennett, "Radionuclide Core Inventories for Standard PWR and BWR Fuel Management Plans", Sandia National Laboratories.
2. NUREG/CR-2326, SAND81-1994, L. T. Ritchie, J. D. Johnson, and R. M. Blond, "Calculations of Reactor Accident Consequences, Version 2, User's Guide", Sandia National Laboratories.
3. NUREG/CR-2552, SNAD82-0342, L. T. Ritchie, et. al., "Calculations of Reactor Accident Consequences, Version 2: CRAC2 Model Description", Sandia National Laboratories.
4. SAND78-1601, I. Hall, R. Prairie, and E. Boyes, "Generation of Typical Meteorological Years for 26 SOLMET Stations", Sandia National Laboratories.
5. BHARC-400/81/002, C. Cluett, S. Malhatra, and D. Manninen, "Socioeconomic Impacts of Remote Nuclear Power Plant Siting", Battelle Human Affairs Research Center (also designated as NUREG/CR-2537 and SAND81-7230).

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6. WASH-1235, J. E. Kohler, A. P. Kennekem and B. K. Grimes, "The Site Population Factor: A Technique for Consideration of Population in Site Comparison", U.S. Atomic Energy Commission, October 1974.
7. SAND76-0534, A. J. Russo, J. R. Wayland, and L. T. Ritchie, "Influence of Plume Rise on the Consequences of Radioactive Material Releases", Sandia National Laboratories
8. NUREG/CR-1022, N. C. Finley, "Technical Guidance for Siting Criteria Development: Offsite Hazards", Sandia National Laboratories.
9. "CRAC User's Manual", Argonne National Lab Code Center (listed as reference 2 in SAND79-0095, D. C. Aldrich, L. T. Ritchie, and J. L. Sprung, "Effect of Revised Evacuation Model on Reactor Safety Study Accident Consequences", Sandia National Laboratories, February 1979).
10. NUREG/CR-2239, SAND81-1549, D. C. Aldrich, J. L. Sprung, D. J. Alpert, K. Diegert, R. M. Ostmeier, L. T. Ritchie, and D. R. Strip, "Technical Guidance for Siting Criteria Development" (FINAL VERSION, Not a Draft), Sandia National Laboratories.
11. R. P. Burke, "In-Plant Considerations for Optimal Offsite Response to Reactor Accidents", MIT Department of Nuclear Engineering (Master's Thesis) (listed as reference 41, Chapter 2, of NUREG/CR-2239, SAND81-1549, Draft, undated, attached to memo dated 4/26/82 from W. J. Dircks to Commissioner Gilinsky).
12. "Draft Commission Information Paper on Siting", listed as Enclosure 2 to memo dated 4/26/82 from W. J. Dircks to Commissioner Gilinsky, SUBJECT: Sandia Laboratories Work in the Area of Siting Criteria Development.

B. OTHER CATEGORIES OF DOCUMENTS

13. Any and all documents of any type concerning the document described above in #10 (i.e., NUREG/CR-2239, SAND81-1549, whether in draft or final form), including contracts and contract amendments, solicitations of comments on draft and final reports, presentations given to professional societies or at briefings

concerning the substance, subject, methodology, and/or conclusions of the report or work performed pursuant to completion of work on the contract under which the report was prepared, all comments on the report (whether commenting on the draft or final report), and all correspondence between the NRC and any of the authors regarding the report (whether draft or final).

14. Any listing, description, discussion, or other document referring to "known deficiencies", inaccuracies, problems, or other difficulties in either the CRAC or CRAC2 reactor accident consequence models.
15. Any document discussing, commenting upon, or otherwise evaluating a proposal or utilize a value of \$1,000 per man-rem in cost-benefit analyses or risk-benefit analyses.
16. All NRC staff and NRC contractor reports, letters, or other documents discussing possible reductions in fission product magnitudes resulting from sources including, but not limited to, plateout on reactor internals, plateout in containment, dissolution in water, chemical combination, and retention in damaged reactor fuel.
17. Drafts and/or final versions of any and all testimony prepared by or for the NRC staff for the Indian Point Special Investigation proceeding on accident consequences and/or accident probabilities.
18. Copies of meeting minutes, summaries, and all slides, viewgraphs, overhead projection sheets, and all other such visual aids used in the NRC staff/Sandia Laboratories meeting on the Indian Point Probabilistic Safety Study held recently at Sandia Laboratories.
19. Any and all evaluations of the probability and/or consequences of attempted sabotage at light-water reactors. In responding to this specific request, you should justify with particularity the withholding of any document or portion thereof.
20. Any and all documents which discuss sabotage events at Beaver Valley (such as closing of ECCS suction valves) and at Salem (such as damage to diesel generators and emergency

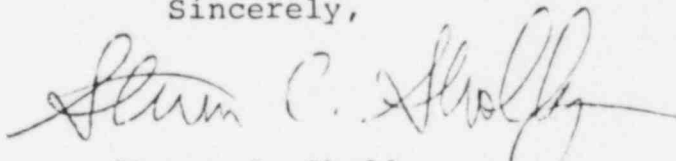
2 November 1982

feedwater pumps). In responding to this specific request, you should justify with particularity the withholding of any document or portion thereof.

21. Copies of all CRAC2 computer output (possibly in microfiche or hard copy form) created as a result of the Sandia National Laboratories work on NUREG/CR-2239, SAND81-1549; these are the same CRAC2 outputs provided by the NRC to Congressman Markey's staff of the Subcommittee on Oversight and Investigation.
22. Any and all documents concerning a so-called "Low Probability/High Consequence Workshop" allegedly held in Arlington, VA, on June 15-17, 1982. Provide copies of all papers given at the workshop which were prepared in whole or in part by the NRC staff or under NRC contract, and provide any and all correspondence discussing the workshop, the papers presented, the results of the workshop, and any NRC funds utilized to support the workshop (including contracts and amendments thereto). One document which mentions the workshop is in the PDR under accession number 8209240528, 820809, in the MISC file.

Your attention to this request is appreciated. You are requested to notify me promptly if a response cannot be made within the time prescribed by the FOI Act, and partial responses (if a complete response is not feasible within the time prescribed by the Act) are requested. If you or your staff require more information regarding this request, do not hesitate to call me at 202-296-5600.

Sincerely,



Steven C. Sholly
Technical Research Assistant