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FREEDOM OF INFORMATION
ACT REQUEST

April 25, 1979

FOIA 79-149
Rec'd 5-1-79

Mr. Joseph Felton, Director
Division of Rules and Records
United States Nuclear Regulatory Commission
Washington, D.C. 20555

Re: Freedom of Information Act Request

Dear Mr. Felton:

On behalf of the Union of Concerned Scientists, and pursuant to the Freedom of Information Act, 5 USC § 552, I request access to and copies of certain documents in the file maintained by Dr. Stephen H. Hanauer and designated or commonly known as the "Nugget File." Specifically, I request all documents in the Nugget File that have not previously been provided to UCS.

According to our records, this includes, at a minimum, all documents in the Nugget File dated after October 22, 1976. Our request also covers any document dated before October 22, 1976, but included in the file after that date. To assist in your search, I have attached a list of the Nugget File documents that have previously been released to UCS.

We anticipate that you will make the requested materials available to UCS within the statutorily prescribed period of ten (10) working days. We also request that you waive any applicable fees since disclosure to UCS meets the statutory standard of being "in the public interest because furnishing the information can be considered as primarily benefitting the general public." 5 USC § 552(a)(4)(A). If you do not grant the waiver, however, we authorize you to incur up to \$50.00 in costs. If the cost exceeds \$50.00, we request that we be given access to the materials to determine exactly which documents USC needs.

In lieu of the normal procedure of placing released documents in the Public Document Room, I would appreciate if you would call me as soon as you have compiled and copied the requested documents so that I can send a courier to pick them up.

Sincerely,

Ellyn R. Weiss

ERW/gc

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Abnormal Occurrences 1965, 66, 67 and 68

Hanauer Nugget File

1. December 26, 1968, Operating Experiences—Reactor Safety, ROE 68-17, A Summary of Events Involving the Transient Rods of TRIGA Research Reactors.
- 1a. December 24, 1968, Operating Experiences—Reactor Safety, ROE 68-15, Failure of Log Count Rate Channels.
2. December 24, 1968, Operating Experiences—Reactor Safety, ROE 68-16, Unplanned Nuclear Transient.
3. December 20, 1968, Operating Experiences—Reactor Safety—ROE 68-14, Error in Shim Cylinder Indexing.
4. December 19, 1968, Operating Experiences—Reactor Safety—ROE 68-13, Loss of Water in the Steam Drum of an Experimental Power Reactor.
5. December 18, 1968, Operating Experiences—Reactor Safety—ROE 68-12, Lube Oil Blockage by Tape Fragment.
6. December 9, 1968, Serious Accidents Issue No. 295, Radiation Shield Plug Overpressurization Hazard, Incident #1.
7. November 4, 1968, Memo from D.F. Sullivan to V. Moore, Loss of All Redundant Diesel Generators, Connecticut Yankee, Haddam Neck Plant, Docket 50-213.
8. October 18, 1968, Letter from J. Moore, Southern California Edison Co., San Onofre Plant, Docket 50-206.
9. October 3, 1968, Letter from W. Behnke, Commonwealth Edison Co., to Peter Morris, AEC, Dresden Unit 1, Docket #50-10.
10. September 25, 1968, San Onofre Nuclear Generating Station, Report on Control Rod F-10, Docket 50-206.
11. September 27, 1968, Operating Experiences, Reactor Safety, ROE-68-10, Corrosive Failure of Underground Aluminum Pipe.
12. September 25, 1968, Operating Experiences, Reactor Safety, ROE-68-8, Control Rod Malfunctions.
13. September 26, 1968, Operating Experiences, Reactor Safety, ROE-68-9, Movement of an Instrumented Fuel Rod at a Research Reactor.
14. June 25, 1968, Letter from P. Morris, AEC, to Jersey Central Power and Light, Oyster Creek, Docket 50-219.
15. June 25, 1968, Letter from P. Morris, AEC, to Jersey Central Power and Light, Oyster Creek, Docket 50-219.
16. May 27, 1968, Operating Experiences, Reactor Safety, ROE-68-7, Fuel Cladding Failure.

17. May 24, 1968, Operating Experiences, Reactor Safety—ROE-68-6, Inadvertent Disarming of Safety Circuit Instrumentation.
18. May 23, 1968, Operating Experiences, Reactor Safety—ROE-68-5, Rupture Disc Failures at a Test Reactor.
19. May 22, 1968, Operating Experiences, Reactor Safety—ROE-68-4, Reliance on a Single Information Source Leads to Operating Error.
20. May 20, 1968, Operating Experiences, Reactor Safety—ROE-68-3, Small Diameter Primary Piping Weld Heat Affected Zone Cracks Found in a BWR Plant.
21. May 10, 1968, Health and Safety Information USAEC No. 264, Fire Hazards of Hydraulic Fluids and Lubricating Oils.
22. April 9, 1968, Operating Experiences, Reactor Safety—ROE-68-2, Rapid Turbine Control Valve Cycling at a PWR.
23. March 5, 1968, Operating Experiences, Reactor Safety—ROE-68-1, Loss of Pool and Canal Water.
24. October 31, 1967, Operating Experiences, Reactor Safety—ROE-67-13, Accidental Injection of Supplementary Safety System Poison into a Production Reactor at Savannah River Plant.
25. October 31, 1967, Operating Experiences, Reactor Safety—ROE-67-12, High Flux Isotope Reactor Target Failure.
26. October 23, 1967, Operating Experiences, Reactor Safety—ROE-67-11, Polyurethane Thermal Insulation Fire.
27. October 2, 1967, Operating Experiences, Reactor Safety—ROE-67-10, Improper Utilization of a BF_3 Sensor for Linear Power Measurement.
28. August 18, 1967, Operating Experiences, Reactor Safety—ROE-67-9, Fuel Handling Hoist Runaway.
29. May 19, 1967, NSIC Issue 14893, Big Rock Point, Docket No. 50-155.
30. May 10, 1967, Operating Experiences, Reactor Safety—ROE-67-7, Mechanical Failures of the Anti-Critical Grid of the High Flux Beam Reactor.
31. May 3, 1967, Operating Experiences, Reactor Safety—ROE-67-6, Failure of Halves to Separate in a Split Table Type Critical Assembly.
32. May 2, 1967, Operating Experiences, Reactor Safety—ROE-67-5, Engineering Test Reactor Fuel Element Rupture.
33. April 11, 1967, NSIC Issue 14750, Pathfinder Atomic Power Plant Six Month Report, Docket No. 50-130.
34. April 11, 1967, NSIC Issue 14751, Pathfinder Atomic Power Plant Six Month Report, Docket No. 50-130.
35. April 10, 1967, Operating Experiences—Reactor Safety—ROE-67-4, Reactivity Shift in SPERT-III Reactor.
36. March 23, 1967, Operating Experiences—Reactor Safety—ROE-67-3, Loss of Reactivity at the Los Alamos Water Boiler Reactor (SUPO).

37. February 27, 1967, Operating Experiences, Reactor Safety - ROE-67-2, Displaced Engineering Test Reactor Fuel Element.
38. January 31, 1967, Operating Experiences, Reactor Safety - ROE-67-1, Failure of Emergency Battery Bank at the Materials Testing Reactor.
39. December 22, 1966, Operating Experiences, Reactor Safety - ROE-66-4, Bearing Wear Problem on the High Flux Isotope Reactor Control Plates.
40. November 17, 1966, Interim Report - Displaced ETR Fuel Element, November 16, and 17, 1966.
41. August 5, 1966, Operating Experiences, Reactor Safety, ROE-66-2, Malfunction of Equipment Involving Shutdown Rods in the Process Development Pile (PDP).
42. August 5, 1966, Operating Experiences, Reactor Safety, ROE-66-1, Fuel Element Rupture Test Facility Incident at the Plutonium Recycle Test Reactor.
43. October 25, 1966, Operating Experiences, Reactor Safety, ROE-66-3, High-Pressure Release in an Eight-Inch Tube of the Puerto Rico Research Reactor.
44. August 9, 1966, Letter from L. McEwen, GE, Vallecitos Atomic Lab., to D. Doan, USAEC, EVESR Facility.
45. November 9, 1965, USAEC Press Release, No. H-247, Analysis Indicates Electronic Malfunction Caused Shutdown of First Nuclear Reactor Powered Satellite.
46. October 21, 1965, Letter from M. Joslin, Commonwealth Edison, Dresden, to USAEC.

Abnormal Occurrences 1969 & 70

Hanauer Nugget File

1. December 24, 1970, Memo from L. D. Low, Compliance to P. A. Morris, Licensing, Omaha Public Power District—Ft. Calhoun—Docket No. 50-285.
2. December 19, 1970, Letter from V. Poeppelmeier, Millstone Point Co., to USAEC, Millstone, Docket No. 50-245.
3. December 11, 1970, Letter from H. Hoyt, Commonwealth Edison Co., to P. Morris, USAEC, Dresden, Docket No. 50-237.
4. December 7, 1970, Letter from E. Utley, Carolina Power & Light Co., to P. Morris, USAEC, H. B. Robinson, Docket No. 50-261.
5. November 30, 1970, Abnormal Occurrence, Involving First Atomic Ship Transport, Inc. (FAST), Docket No. 50-238.
6. November 25, 1970, Letter from V. Poeppelmeier, Millstone Plant, to USAEC, Millstone, Docket No. 50-245.
7. November 17, 1970, Letter from V. Poeppelmeier, Millstone Plant, to USAEC, Millstone, Docket No. 50-245.
8. October 1970, Malfunction of Pressurizer Level Instrumentation, Undocketed Unidentified report.
9. October 30, 1970, Letter from E. Utley, Carolina Power & Light Co., to P. Morris, USAEC, H. B. Robinson, Docket No. 50-261.
10. September 18, 1970, Memo from W. Seidle, Region II, to J. P. O'Reilly Compliance Headquarters, Inquiry Memorandum, GE and SAEA (SEFOR), Docket No. 50-231.
11. September 2, 1970, Memo from R. H. Engelken, Compliance Headquarters to D. J. Skovholt, RL, Pacific Gas and Electric Co., (Humboldt Bay)—Docket No. 50-133.
12. August 4, 1970, Report of Occurrence Involving First Atomic Ship Transport Inc. (FAST), Docket No. 50-238.
13. July 17, 1970, Letter from H. Hoyt, Commonwealth Edison to P. Morris, USAEC, Dresden, Docket No. 50-237.
14. June 29, 1970, Report of Unusual Condition at SEFOR, Docket No. 50-231.
15. March 18, 1970, Operating Experiences, Reactor Safety, ROE-70-2, Reduction in Shutdown Margin Due to Boron Dilution.
16. March 9, 1970, "Electrical World," "S. C. Public Service Authority (Santee-Cooper) digs out of \$1-million fire. . ."
17. February 16, 1970, NSIC Issue Accession #39434, B&W Critical Facility.

18. February, 1970, Operating Experiences, Reactor Safety—Rocky Flats Plant Fire with Attachment, May 11, 1969, Rocky Flats Fire—Serious Accidents USAEC Issue No. 306 dated December 1, 1969.
19. February 16, 1970, NSIC Issue Accession #39392, Niagara Mohawk, Nine Mile Point, Docket No. 50-220.
20. February 6, 1970, Operating Experiences, Reactor Safety, ROE-70-1, Fission Product Release.
21. February 5, 1970, NSIC Accession 38758, Jersey Central Power and Light, Oyster Creek, Docket No. 50-219.
22. February 5, 1970, NSIC Accession 38757, Jersey Central Power and Light, Oyster Creek, Docket No. 50-219.
23. February 5, 1970, NSIC Accession 38750, Jersey Central Power and Light, Oyster Creek, Docket No. 50-219.
24. November 10, 1969, Operating Experiences, Reactor Safety—ROE-69-23, Reactor Startup Without Adequate Instrumentation.
25. October 20, 1969, NSIC Accession 33036, University of Missouri at Rolla, Docket No. 50-123.
26. October 20, 1969, NSIC Accession 33020, Allis Chalmers, Md. Docket No. 115-5.
27. October 20, 1969, NSIC Accession 33019, Allis Chalmers, Md. Docket No. 115-5.
28. October 10, 1969, Operating Experiences, Reactor Safety—ROE-69-22, Emergency Power Failures-Equipment Failures.
29. October 10, 1969, Operating Experiences, Reactor Safety—ROE-69-21, Emergency Power Failures-Human Error.
30. September 30, 1969, Operating Experiences, Reactor Safety—ROE-69-20, Power Outage Causes Pool Leak.
31. September 29, 1969, NSIC Accession 31306, Big Rock Point, Docket No. 50-155.
32. September 29, 1969, NSIC Accession 31305, Two Reactor Incidents—Emergency Generator and Area Monitors, University of Missouri, Docket No. 50-186.
33. September 29, 1976, NSIC Accession 32470, Allis-Chalmers—No. 115-5.
34. August 13, 1969, Operating Experiences, Reactor Safety—ROE-69-19, Invalid Safety Criterion for Plutonium Array Studies.
35. August 13, 1969, Operating Experiences, Reactor Safety—ROE-69-18, Loss of Off-Site Power at a Nuclear Power Reactor Facility.
36. June 24, 1969, Operating Experiences, Reactor Safety—ROE-69-17, TRIGA Transient Rod Malfunction.

37. June 13, 1969, Operating Experiences, Reactor Safety - ROE-69-16, Detection of Potential Disabling of Safety System.
38. June 13, 1969, Operating Experiences, Reactor Safety - ROE-69-15, Failure of Flow Reversal Valve to Open.
39. May 28, 1969, Operating Experiences, Reactor Safety - ROE-69-14, Outward Movement of Control Rods.
40. May 21, 1969, Operating Experiences, Reactor Safety - ROE-69-13, Rupture of Cooling Line to Emergency Generator System.
41. May 21, 1969, Letter from W. Johnson, Connecticut Yankee Atomic Power Company, to L. Low, USAEC, Docket No. 50-213.
42. May 5, 1969, Operating Experiences, Reactor Safety - ROE-69-11, Piping Problem.
43. May 5, 1969, Operating Experiences, Reactor Safety - ROE-69-12, Failure of Emergency Diesel Generator.
44. April 28, 1970, Operating Experiences, Reactor Safety - ROE-70-4, Loss of Coolant Accident.
45. April 21, 1969, Operating Experiences, Reactor Safety - ROE-69-9, Operating Errors.
46. April 21, 1969, Operating Experiences, Reactor Safety - ROE-69-10, Contamination of Well Water System.
47. April 17, 1970, Operating Experiences, Reactor Safety - ROE-70-3, Aluminum Tank Explosion.
48. April 1, 1969, Operating Experiences, Reactor Safety, ROE-69-8, Valve Malfunctions.
49. March 27, 1969, Operating Experiences, Reactor Safety, ROE-69-7, Voiding of Reflector Elements.
50. February 12, 1969, Operating Experiences, Reactor Safety, ROE-69-6, Accidental Criticality Excursion.
51. February 5, 1969, Operating Experiences, Reactor Safety - ROE-69-5, Power Operation with Fully Inserted Control Rod.
52. February 5, 1969, Operating Experiences, Reactor Safety - ROE-69-4, Electrical Cable Fires at Nuclear Power Station.
53. January 23, 1969, Operating Experiences, Reactor Safety - ROE-69-3, Failure of Manual Control Rod Drive Switch Causes Continuous Withdrawal.
54. January 22, 1969, Operating Experiences, Reactor Safety - ROE-69-2, Beam Port Moderator Failure.
55. January 21, 1969, Operating Experiences, Reactor Safety - ROE-69-1, Enriched Uranium Solution Leak.

Abnormal Occurrences 1971 & 1972

Ganauer Nugget File

1. September 29, 1972, telegram to A. Giambusso, USAEC, from B. Stephenson, Quad Cities, Technical Specification Violation, Docket No. 50-254.
2. September 28, 1972, Letter from I. Finfrock, Jersey Central Power and Light Co., to A. Giambusso, USAEC, Oyster Creek Station, Docket No. 50-219.
3. September 26, 1972, Letter from R. B. Sewell, Consumers Power Co., to J. F. O'Leary, USAEC, Palisades, Docket No 50-255.
4. September 23, 1972, Letter from J. Kufel, Millstone Plant, to A. Giambusso, USAEC, Millstone Plant, Docket 50-245.
5. September 6, 1972, Letter from Palmer, Commonwealth Edison to A. Giambusso, USAEC, Quad-Cities, Docket No. 50-265.
6. August 30, 1972, TWX from Palmer, Quad Cities, to A. Giambusso, USAEC, Quad Cities Plant, Docket No. 50-265.
7. August 15, 1972, Letter from B. Lee, Commonwealth Edison to D. J. Skovholt, USAEC, Quad Cities Station, Docket No. 50-264 and 50-265.
8. August 11, 1972, Construction Experience, Power Reactor, ROE-72-14, Feedwater Transient at a BWR.
9. August 7, 1972, Letter from K. Amish, Rochester Gas and Electric to J. F. O'Leary, USAEC, Ginna Nuclear Power Plant No. 1., Docket No. 50-244.
10. August 4, 1972, Letter from L. Mayer, Northern Power States, to A. Giambusso, USAEC, Monticello Nucl. Generating Plant, Docket No. 50-263.
11. August 3, 1972, Letter from L. D. Butterfield, Commonwealth Edison, to D. J. Skovholt, USAEC, Dresden and Quad Cities, Docket Nos. 50-237, 50-249, and 50-254 and 50-265.
12. July 31, 1972, Memo from R. L. Tedesco to D. J. Skovholt, Quad Cities Unit 1, Docket No. 50-254.
13. July 20, 1972, Letter from L. O. Mayer, Northern Power States Company, to A. Giambusso, Monticello Nuclear Generating Plant, Docket No. 50-263.
14. July 14, 1972, Letter from D. C. Switzer, Millstone Point Co., to D. J. Skovholt, Millstone Unit, Docket No. 50-245.
15. July 14, 1972, Letter from I. Finfrock, Jersey Central Power Co. To D. J. Skovholt, USAEC, Oyster Creek Station, Docket No. 50-219.

1. July 13, 1972, Letter from J. Kufel, Millstone Point Co., to A. Giambusso, USAEC, Millstone Nuclear Power Station, Docket No. 50-245,
17. June 30, 1972, Letter from K. Amish, Rochester Gas and Electric to E. Bloch, Ginna Nuclear Power Plant Unit No. 1, Docket No. 50-244.
18. June 30, 1972, Operating Experiences, Reactor Safety, ROE-72-12, Turbine Problems at BWRs.
19. June 29, 1972, Letter from F. A. Palmer, Commonwealth Edison, to J. F. O'Leary, USAEC, Quad Cities, Unit 2, Docket No. 50-265.
20. June 26, 1972, Letter from F. A. Palmer, Commonwealth Edison, to E. J. Bloch, USAEC, Quad Cities Unit 2, Docket No. 50-265.
21. June 26, 1972, Memo from S. Hanauer to Chairman Schlesinger enclosing letter from R. B. Williams, State of Vermont, Agency of Environmental Conservation to USAEC, dated May 12, 1972, Environmental Considerations.
22. June 17, 1972, Letter from S. Burstein, Wisconsin Electric to E. Bloch, USAEC, Point Beach Nuclear Plant, Docket Nos. 50-266 and 50-301.
23. June 17, 1972, Letter from S. Burstein, Wisconsin Electric to E. J. Bloch, USAEC, Point Beach Nuclear Plant, Docket Nos. 50-266 and 50-301.
24. June 17, 1972, Letter from F. Palmer, Commonwealth Edison to E. J. Bloch, USEAC, Quad Cities, Docket No. 50-254.
25. June 1, 1972, AEG Nuclear Reactor Division, Information Bulletin, Wurgassen in trouble with startup operations.
26. May 30, 1972, Letter from Robert Coe, Southern California Edison Company to USAEC, San Onofre Nuclear Generating Station, Docket No. 50-206.
27. May 12, 1972, Letter from Worden, Commonwealth Edison to P. Morris, USAEC, Dresden Nuclear Power Station, Docket No. 50-237.
28. May 11, 1972, Memo to Files from G. Owsley, Monticello, Apparent Reactivity Variation at Monticello, Docket No. 50-263.
29. May 10, 1972, Letter from W. E. Caldwell, Consolidated Edison, to E. J. Bloch, USAEC, Indian Point No. 1, Docket 50-3.
30. May 9, 1972, Letter from R. Coe, Southern California Edison Co., to P. Morris, USAEC, San Onofre Unit 1, Docket No. 50-206.
31. May 4, 1972, Special Report regarding Dresden Nuclear Power Station Unit 3, Docket 50-237.
32. May 2, 1972, TWX from B. Stephenson, Quad Cities, to USAEC, Docket No. 50-265.
33. April 28, 1972, TWX from B. Stephenson, Quad Cities to USAEC, Docket No. 50-254 and 50-265.

34. April 26, 1972, Letter from B. Lee, Commonwealth Edison to D. J. Skovholt, USAEC, Dresden Unit 3. Docket No. 50-237.
35. April 24, 1972, Letter from S. Burstein, Wisconsin Electric to P. Morris, USAEC, Abnormal Occurrence, Point Beach Unit No. 1., Docket No. 50-266.
36. April 20, 1972, Memo from Don Knuth, to D. J. Skovholt, Response to Technical Assistance Request—Dresden Unit 3 Incident of Dec. 8, 1971, Docket No. 50-249.
37. April 18, 1972, Letter from Niagara Mohawk to D. J. Skovholt, USAEC, Nine Mile Point Nuclear Station, Unit #1, Docket No. 50-220.
38. April 14, 1972, Letter from W. Worden, Commonwealth Edison to P. Morris, USAEC, Dresden Unit 2, Docket No. 50-237.
39. April 14, 1972, Letter from B. Riley, Vermont Yankee Nuclear Power Corp., to P. Morris, USAEC, Abnormal Occurrence AO-72-1, Vermont Yankee Power Station, Docket No. 50-271.
40. February 3, 1972, Letter from L. Mayer, Northern Power States, to P. Morris, USAEC, Monticello, Docket No. 50-263.
41. January 14, 1972, Letter from B. Sewell, Consumers Power Co., to P. Morris, USAEC, Palisades Plant, Docket No. 50-255.
42. December 17, 1971, Letter from B. Lee, Commonwealth Edison Co., to P. Morris, USAEC, Dresden Unit 3, Docket No. 50-249.
43. December 16, 1971, Letter from R. Haueter, Consumers Power Co., to P. Morris, USAEC, Palisades Plant, Docket No. 50-255.
44. November 5, 1971, Letter from B. Wolfe, General Electric to P. Morris, USAEC, Docket No. 50-231.
45. October 25, 1971, NSIC Accession 64926, Select Rod Insert Feature Disable by Wiring Error, Reactor Unknown.
46. October 18, 1971, Letter from R. Duncanson, to P. Morris USAEC, Monticello, Docket No. 50-263.
47. September 30, 1971, Letter from I. Finrock, Jersey Central Power and Light Co., to P. Morris, USAEC, Oyster Creek Station, Docket No. 50-219.
48. September 7, 1971, Letter from D. C. Switzer, Millstone Point Co., to P. Morris, USAEC, Millstone Point, Docket No. 50-245.
49. September 3, 1971, Letter from F. Schneider, Niagara Mohawk, to P. Morris, USAEC, Nine Mile Point, Docket No. 50-220.
50. August 3, 1971, Letter from H. Hoyt, Commonwealth Edison Co., to P. Morris, USAEC, Dresden Nuclear Power Station Unit 3, Docket No. 50-249.
51. July 16, 1971, Memo to Files from J. J. Shea, LACBWR—Alternate Offsite AC Power Source (Dairyland Power Cooperative).

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52. May 13, 1971, Letter from H. Hoyt, Commonwealth Edison, to P. Morris, USAEC, Dresden Nuclear Power Station, Docket No. 50-237.
- 52a. May 12, 1971, Letter from R. O. Duncanson, Northern States Power Co. to P. Morris, USAEC, Monticello Nuclear Generating Plant, Docket No. 50-263.
53. May 4, 1971, Memo to Files from R. L. Tedesco, Dresden Unit 2 Torus Coating Problem, Docket No. 50-237.
54. April 26, 1971, Letter from S. Burstein, Wisconsin Electric, to P. Morris, USAEC, Abnormal Occurrence—Facility Operating License DPR-24, Point Beach Nuclear Plant, Docket No. 50-266.
55. April 16, 1971, TWX from H. Hoyt, Commonwealth Edison, to P. Morris, USAEC, Wiring Error, Dresden, Docket No. 50-237.
56. April 15, 1971, Letter from K. Cohen, General Electric to P. Morris, USAEC, SEFOR, Docket No. 50-231.
57. April 14, 1971, Note to files from D. Sullivan, Point Beach, Unit 1 relating to Loss of D. C. Power at H. B. Robinson, Docket No. 50-266.
58. March 27, 1971, Letter from L. Burke to P. Morris, USAEC, Dresden Unit 3, Jet Pump Problem, Docket No. 50-249.
59. March 22, 1971, Letter from R. Duncanson, Northern Power States, to P. Morris, USAEC, Monticello Plant, Docket No. 50-263.
60. January 22, 1971, Letter from T. A. Griffin, Consolidated Edison to P. Morris, USAEC, Indian Point Unit No. 1, Docket No. 50-3.
- 60a. January 22, 1971, Letter from S. Burstein, Wisconsin Electric, to P. Morris, USAEC, Point Beach Nuclear Plant, Docket No. 50-266.
61. January 15, 1971, Letter from H. Hoyt, Commonwealth Edison, to P. Morris, USAEC, Dresden Unit 2, Docket No. 50-237.
62. January 1971, Westinghouse Service Information Report 1-71, BEZNAU I Reactor Vessel Head Defect.
63. January 9, 1971, Business Week Article: The Colt Diesel that Led to Disaster.
64. January 2, 1971, Letter from V. Poepfelmeier, Millstone Point Co., to USAEC, Abnormal Occurrence No. 7 and 8, Millstone Plant, Docket No. 50-245.

Abnormal Occurrences 1973, 74, & 75

Hanauer Nugget File

1. May 24, 1974, Abnormal Occurrence Report No. BFAO-7431W, Browns Ferry Nuclear Plant Unit 1.
2. November 23, 1973, Abnormal Occurrence Report No. AO-S2-73-10, Surry Power Station, Docket No. 50-281.
3. October 26, 1973, Abnormal Occurrence Report No. AO-270/73-1, Oconee Nuclear Station—Unit 2.
4. September 10, 1973, Abnormal Occurrence Report No. 73-3, Fort Calhoun Station Unit No. 1.
5. May 4, 1973, NSIC Accession #79413, Abnormal Occurrence Report for Dresden 2.
6. March 19, 1973, NSIC Accession #76415, Abnormal Occurrence Report for Fermi.
7. May 21, 1975, Abnormal Occurrence Report No. 50-237/75-24, Dresden Nuclear Power Station 1.
8. May 8, 1975, Abnormal Occurrence Report No. 50-409/75-1, La Crosse.
9. December 1974, Operating Experience, Misapplication of Switch in Safety-Related Systems, Kewaunee Nuclear Power Plant.
10. February 6, 1975, Operating Experience, Underrated Coils in Relays.
11. April 22, 1975, Unusual Event, Docket 50-245, Millstone Nuclear Power Station.
12. March 27, 1975, Abnormal Occurrence 50-249/1975-16, Dresden Nuclear Power Station.
13. January 29, 1975, Abnormal Occurrence 75-3, Prairie Island Nuclear Generating Plant.
14. January 17, 1975, Abnormal Occurrence 50-249/74-38, Dresden Nuclear Power Station.
15. February 3, 1975, Abnormal Occurrence Report No. 50-237/75-10, Dresden Nuclear Power Station.
16. September 1974, Current Events, Power Reactors, Cracks in Recirculation Piping, Dresden Nuclear Power Station.
17. December 27, 1974, Supplement to Abnormal Occurrence Report No. 50-333/74-16, Niagara Mohawk.
18. November 12, 1974, Abnormal Occurrence Report No. 50-10, Dresden Nuclear Power Station.
19. November 12, 1974, Abnormal Occurrence Report No. 50-237/74-56, Dresden Nuclear Power Station.

- 19a. November 12, 1974, Abnormal Occurrence Report No. 50-237/74-58, Dresden Nuclear Power Station.
20. November 8, 1974, Proposed Amendment to Facility Operating License DPR-19, 50-237, Dresden Nuclear Power Station.
21. August 30, 1974, Final Control Rod Drive Anomaly Report, Dresden Nuclear Power Station.
22. August 1974, Current Events, Power Reactors.
23. August 23, 1974, Unusual Occurrence No. 74-7, Docket No. 50-293, Pilgrim Nuclear Power Station.
24. August 19, 1974, Docket 50-267, Revised Electrical Circuitry, Public Service Company of Colorado.
25. July 26, 1974, Abnormal Occurrence Report No. BFAO-7443W, Browns Ferry.
26. August 15, 1974, Control Rod Uncoupling Problems, Dresden.
27. July 12, 1974, Project 448, Incident Reports 30 ARD/GPL-2 and 16 ARD/GPL-2.
28. June 13, 1974, Abnormal Occurrence Report No. AO-74-08, Vermont Yankee Nuclear Power Station.
29. May 9, 1974, Notification of Incident Or Occurrence No. 113, Browns Ferry Units 1, 2, and 3, Docket 50-259, 260 and 296.
30. April 29, 1974, Supplement to Abnormal Occurrence Report for Prairie Island dated February 22, 1974.
31. March 25, 1974, Letter from Florida Power and Light to Moseley, Region II, regarding Turkey Point Plant, Docket 50-250 and 251, Unit Trips.
32. February 1, 1974, Operating Experiences, #ROE 74-1, Valve Yoke Failures.
33. December 21, 1973, Supplement to Abnormal Occurrences reported to AEC on Nov. 28, and Dec. 3, 1973, relating to Nine Mile Point Station 1, Docket No. 50-220.
34. November 14, 1973, Abnormal Occurrence Report No. AO-73-31, Vermont Yankee, Docket No. 50-271.
35. November 8, 1973, Abnormal Occurrence Report No. AO-73-21, Vermont Yankee, Docket No. 50-271.
36. October 19, 1973, Operating Experiences—No. ROE-73-9, Refueling Interlock-Circuitry Damage.
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43. August 24, 1973, Letter from Alter, General Electric Co., Vallecitos Nuclear Center, Docket No. 50-70.
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49. July 1973, Memo from Stello to Skovholt, "Evaluation of Reactor Protective System Modifications," Maine Yankee, Docket No. 50-309.
50. July 13, 1973, Abnormal Occurrence Report No. 3-73-5, Turkey Point Unit No. 3, Docket No. 50-250.
51. July 11, 1973, TWX from H. B. Robinson plant to J. O'Leary, Abnormal Occurrence—Overcurrent Trips, Docket No. 50-261.
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53. June 28, 1973, Letter from W. P. Johnson to USAEC, Maine Yankee, Docket No. 50-309.
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57. May 25, 1973, Operating Experiences, Reactor Safety, ROE 73-5, Cooling Systems Transients-I.
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59. April 17, 1973, Letter from W. P. Worden, Commonwealth Edison Co., to A. Giambusso, USAEC, Dresden Nuclear Power Station, Docket 50-10.
60. March 29, 1973, Note from Karl Goller to A. Giambusso, Re: March 6, 1973 note from S. Hanauer to K. Goller and T. Ippolito, on Palisades Rack and Pinion Rod Drives, Docket No. 50-255.
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62. March 23, 1973, Technical Specification Violation Oyster Creek, Docket No. 50-219.
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65. February 23, 1973, Deficiency Report, Oconee Station, Docket No. 50-269, 50-279 and 50-287.
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Abnormal Occurrences

Hanauer Nugget Files — 1975 and 1976

1. October 22, 1976, Letter from Ferland, Millstone Nuclear Power Station, to O'Reilly, USNRC Region 1, RO-50-336/76-44/30; RO-50-336/76-54/3L; and RO-50-336/76-55/3L.
2. August 24, 1976, NSIC Accession 114749, North Anna 1 and 2, Docket Nos. 50-338/339.
3. August 10, 1976, Letter from W. Jones, Omaha Public Power District to E. Morris Howard, USNRC Region IV, Licensee Event No. 50-285/76-21.
4. August 4, 1976, NSIC Accession 114419, Zion 1, RO-50-295/76-26.
5. August 4, 1976, Letter from D. Switzer, Northeast Nuclear Energy Co., to G. Lear, USNRC, Millstone Unit 2, Propo. Tech. Spec. Change, Docket 50-336.
6. August 2, 1976, Current Events, Power Reactors.
7. July 23, 1976, Licensee Event Report, Docket No. 50-296.
8. July 9, 1976, Letter from J. Gilleland, TVA, to N. C. Moseley, USNRC, Region II, Watts Bar 1 and 2 — Reportable Deficiency.
9. July 1976, NUCLEAR NEWS—p. 49, "Errors result in control rod drive damage."
10. May 25, 1976, Letter from Fox, TVA, to Moseley, USNRC, Region II, Reportable Occurrence Reports BFRO-50-259/766W and BFRO-50-260/764W.
11. April 19, 1976, Letter from Lundvall, NG & E, to J. P. O'Reilly, USNRC Region I, License Event Report 76-13/1T, Calvert Cliffs, Docket No. 50-317.
12. April 16, 1976, Letter from C Goodwin, Portland General Electric Co., to R. H. Engelken, USNRC Region V, Reportable Occurrence No. 76-27, Trojan Nuclear Plant, Docket No. 50-344.
13. March 29, 1976, Letter from Tierney, Prairie Island Nuclear Plant, to J. G. Keppler, Region III, Reportable Occurrence No. P-RO-76-17.
14. March 25, 1976, Letter from F. Swart, Public Service Co. of Colorado, to Morris Howard, USNRC, Region IV, Unusual Event Report No. 50-267/76/03, Ft. St. Vrain, Docket No. 50-267.
15. March 18, 1976, Letter from F. Swart, to M. Howard, UNSRC, Region IV, Abnormal Occurrence Report No. 50-267/76/06, Ft. St. Vrain, Docket 50-267.
16. February 18, 1976, Reportable Occurrence No. 76-10, Trojan Nuclear Plant, Docket No. 50-344.

17. February 16, 1976, Reportable Occurrence No. CD 369-370/76-1, McGuire Nuclear Station, Units 1 and 2, Docket No. 50-369/370.
18. February 2, 1976, Letter from E. Utley, Carolina Power & Light to N. Moseley, NRC Region II, H. B. Robinson, Abnormal Occurrence Report No. 50-261/76-2.
19. January 29, 1976, Letter from P. Hartley, Millstone Plant, to I. P. O'Reilly, NRC Region I, Reportable Occurrence RO-50-336/75-37.
20. December 16, 1975, Abnormal Occurrence Report 50-317/75/58, Calvert Cliffs.
21. December 11, 1975, Letter from D. Ross, Jersey Power & Light Co., to R. Boyd, NRC, Abnormal Occurrence Report No. 50-219/75-32, Oyster Creek.
22. November 14, 1975, Letter from E. James, Wisconsin Public Service Corp., to B. C. Rusche, USNRC, Abnormal Occurrence Report No. AO-75-20, Kewaunee, Docket No. 50-305.
23. November 4, 1975, Letter from G. Hunt, Iowa Electric Light & Power Co., to J. Keppler, USNRC Region III, Abnormal Occurrence Report No. AO-50-331/75-55, Duane Arnold.
24. October 31, 1975, Unusual Event UE-270/75-16, Oconee Unit 2, Docket No. 50-270.
25. October 24, 1975, Letter from C. Stallings to Moseley, USNRC Region II, Abnormal Occurrence Report No. AO-S2-75-18, Surry, Docket No. 50-281.
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27. October 21, 1975, Licensee Event Report No. 75-102, Brunswick, Unit No. 2, Docket No. 50-324.
28. October 14, 1975, Licensee Event Report No. 75-93, Brunswick, Unit 2, Docket No. 50-324.
29. October 9, 1975, Letter from R. Sewell, Consumers Power, to USNRC, Palisades, follow-up on UE-75-5.
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32. August 6, 1975, J. Phillips, Arkansas Power and Light Co., to M. Howard, Region IV, Significant Deficiency Report Docket No. 50-368.
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34. July 9, 1975, Abnormal Occurrence Report AO-S2-75-11, Surry, Unit 2, Docket No. 50-281.

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39. May 4, 1975, Letter from F. Swart, Public Service Co. of Colorado to W. Gilbert, NRC, Response to NRC questions on Ft. St. Vrain Dewpoint Moisture Monitor System, Docket No. 50-267.
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