



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

Duplicate copy for microfiche

June 6, 1980

Mr. John Doherty
4327 Alconbury Lane #3
Houston, TX 77021

IN RESPONSE REFER
TO FOIA-80-3, 80-8,
80-47 and 80-134

Dear Mr. Dogerty:

This is in further reply to your four letters submitted under the case numbers stated above. In each of your letters you requested, pursuant to the Freedom of Information Act, copies of documents which you listed and specifically identified by Accession Number, Report Number, Author, number of pages, and brief description.

In this final response to your multiple requests, the documents listed in Appendix A are enclosed.

As you know, you were granted a waiver of 75% of the fees involved based upon your representation of lack of ability to pay the full amount and your status as an intervenor in the Allens Creek proceeding. Consequently, for this final shipment of 210 pages of documents enclosed, please send a check in the amount of \$5.25 payable to the "U.S. Nuclear Regulatory Commission" along with a copy of this letter, to the Director, Division of Rules and Records, NMBB-4210, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

Please note that despite an exhaustive search, we have been unable to locate document four listed in your letter dated December 29, 1979, which we designated as case number FOIA-80-3.

This reply completes action on your requests identified as follows:

- FOIA-80-3
- FOIA-80-8
- FOIA-80-14
- FOIA-80-47
- FOIA-80-118
- FOIA-80-143
- FOIA-80-159
- FOIA-80-185.

Sincerely,

**THIS DOCUMENT CONTAINS
POOR QUALITY PAGES**

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

RE: FOIA-80-3
FOIA-80-8
FOIA-80-47
FOIA-80-134

APPENDIX A

	NRC FOIA NUMBER	DOHERTY LIST NUMBER	NRC ACCESSION NUMBER	DOCUMENT DATE	TYPE OF DOCUMENT	PAGES
1.	80-3 Cannot locate in central files	4	unnumbered	3/11/75	Letter	
2.	80-3	6	7905140169	3/20/69	Letter	9
3.	80-3	9	7905230449	9/21/78	Memorandum	2
4.	80-3	10	7905240353	4/5/79	Report	7
5.	80-3	14	7909200004	July 1979	Report	71
6.	80-3	15	7909270424	8/24/79	Report	9
7.	80-3	17	7907090244	4/16/79	Letter	8
8.	80-3	18	7907050350	4/30/79	Memorandum	3
9.	80-3	26	7902010134	Undated	Article	2
10.	80-8	1	7901090086	12/22/78	Memorandum w/report	20
11.	80-8	2	7901100032	1/11/77	Meeting Summary	7
12.	80-8	5	unnumbered	5/4-5/78	Transcript	2
13.	80-8	10	7902010051	11/6-9/78	Paper	44
14.	80-8	11	7902010006	Undated	Paper	15

RE: FOIA-80-3
FOIA-80-8
FOIA-80-47
FOIA-80-134

APPENDIX A

NRC FOIA NUMBER	DOHERTY LIST NUMBER	NRC ACCESSION NUMBER	DOCUMENT DATE	TYPE OF DOCUMENT	PAGES
15. 80-47	12	unnumbered	4/9/75	Letter	2
16. 80-134	1	7901310107	1/10/79	Memorandum	7
17. 80-134	2*	7905080440	5/1/79	Letter	1

*Transmittal letter only - Proprietary Report withheld

December 27, 1979
Director
Office of Administration
U. S. Nuclear Regulatory Commission
Washington D. C. 20555

Dupe of 8002120024
FREEDOM OF INFORMATION
ACT REQUEST

FOIA-80-3
rec'd 1-2-80

Dear Sir or Madam:

Pursuant to the Freedom of Information Act, 5 U.S.C. § 552, as amended, John F. Doherty, Party-Intervenor in the Construction License Proceedings for the Allens Creek Nuclear Generating Station, Docket -50-466, and a private citizen request the following documents concerning several aspects of safety of nuclear power plants, including:

- a. Fuel rod clad safety
- b. Pressure suppression containment systems
- c. Recirculation pump overspeed
- d. Anticipated Transient Without Scram
- e. Steel containment shells
- f. Reliability of stand-by emergency generators
- g. Emergency sump pump reliability
- h. Adequacy of main steam line radiation monitors
- i. Pressure suppression pool integrity
- j. Inadequate rapid fuel failure detection
- k. Vaporization rate during ECCS operation
- l. Fission product release during various events or accidents
- m. Water level indicators
- n. Waterhammer induced pipe cracks;

which are part of twenty (20) contentions accepted by the Atomic Safety and Licensing Board for this proceeding.

As a citizen full party-intervenor, I request a waiver of the copying fee for requested documents. I have participated in the proceedings since April, 1979. During that time I have filed ten sets of Interrogatories and the same number of document requests to both the NRC Staff and the utility Applicant. I have filed several procedural motions and testified ten hours at the Special Pre-hearing conference in October, 1979. Mr. Steven Sohinki, Counsel for the Staff may verify these statements for you. He may be reached at 492-7268.

Further, that I am not a recipient of funds to carry on such work. I have received less than \$500 to carry out research on the status of problems listed above. I am a law student, not currently employed, and with little available time for that if I am to participate meaningfully in these proceedings.

Therefore, the documents and other items requested below are to be used in preparation for a Commission proceeding, and I request waiver of the usual copying fee for their duplication.

USNRC report PNL-2494, undocketed, "Data Report for the NRC/PNL Halden Assembly IFA-31", C.R. Hann, et al, April, 1978 (number of pages unknown)

Docket 50-266 (Point Beach Nuclear Plant I or II) Letter, S. Burnstein (Wisconsin Electric) to B. Rusche (NRC) of 12/30/75, "LER 50-266/75-13, "Failed Fuel Assembly D-03" (number of pages unknown)

Letter from Harold Denton (Office of Nuclear Reactor Regulation) to G. Sherwood (General Electric Corp.), expressing concerns regarding approach to ATWS as set forth in NUREG-0460, Date of letter: August 4, 1978. (length of letter unknown) Note this may be in Docket #STN-50-550, GESSAR-BOP, or undocketed)

Letter from D. F. Ross (NRC to G. Sherwood (General Electric) of March 11, 1975, regarding fuel damage acceptability during ATWS (length of letter unknown) (Note: this may be in STN 50-550, (GESSAR-BOP), or undocketed)

7906290175 Summary of ACRS Sub-committee on ECCS 790116 meeting in Washington D. C. re: Issues related to ECCS 79/03/07, (20 pages) Undocketed.

7905140169 Comments on water reactor safety program...understanding of fuel failure needed. J. Hendrie, author. (9pages) Undocketed

7905140392 Forwarding letter with report NEDE 21,983P "Submerged structures Model, Main Vent Air Discharges," Sobon, Gen. Electric (Undocketed, 5 pages)

7905220348 Discusses Liebnitz rule simplification & high heat transfer in LOCA models. Demonstrates G. E. conservative in peak clad temp. Stoupe, Gen. Elec. Author, (Undocketed, 11 pages)

7905230449 Discusses rev. of ATWS suppl NUREG-0460, and that risk estimates cannot be improved. Buhl, A. R. NRC. (Undocketed 2 pages)

7905240353 "BWR blowdown/ ECC Program, Monthly Progress Rept. for Mar. 1979." Burnette, G. W. of Gen. Elec. (Undocketed, 6pages)

7905240990 Request additional info to complete review of NEDE 21,821 "BWR Feedwater Nozzle/ Sparger" Eisenhut (NRC) (Undocketed, 2 pages)

7904050074, "Crack Arrest Methodology " Monthly Progress Rept Rosenfeld, BNL, auth. (Undocketed, 2 pp)

- 7908200335 Undocketed, 79/09/10, 3 pgs Inspection & Enforcement Circular "Proper Installation of Target Rock Safety-Relief Valves.
- 7909200004, Undocketed, 79/07/31, 68 pages "LOFT Monthly Progress Rept. June, 1979.
- 7909270424, Undocketed, 79/08/24, 10 pages, "Application of Internal Friction Nondestructive Evaluation Technique for Detecting Incipient Cracking of Bypass Lines & Pipes in BWRs.
- 7909270564 Undocketed, "BWR Blowdown/ Emergency Core Cooling Program Monthly Progress Rept." (5 pages).
- 7907090244 Undocketed. Discussion of imprecision in evaluating buckling criteria for free-standing containments. (8 pages)
- 7907050350, Undocketed, Summary of ACRS meeting on ODYN code (2 pages 79/05/01.
- 7907020465 Summary of ACRS meeting 79/01/31 with various utilities and vendors in Washington D. C. re: ATWS for TWRS (38 pages)
- 7907200512, Undocketed, S. H. Hanauer, TMI-2 Unresolved Safety Issues 79/07/06 Includes unresolved ACRS questions re BWRs. (12 pages).
- 7907120686, undocketed, Office of Inspection and Enforcement 79/05/29; IE Info Notice 79-13 "Indication of Low Water Level in Oyster Creek Reactor. (9 pages).
- 7907060324, nondocketed, Results of comparisons of two-loop test apparatus and cladding temperature with models (4 pages)
- 7907250254, nondocketed, Further clarification of information from two loop test apparatus 79/07/20 (3 pages)
- 7902140245, Docket 50-498, South Texas Project. In opposition to intrastate only operation. (2 pages)
- 7902120200, Docket 50-556, Black Fox. "Methodology to be used re: Multiple Safety Relief Valve Actuation." (3 pages)
- 7902010134, non-docketed; Rept. presented to 6th water reactor safety research meeting titled: "Pump Overspeed Results" (1 page)

I appreciate your attention and effort in behalf of this request. Please return this list if possible to me. If there are any questions or other needs, Mr. Bohinki, may be able to assist you, as we are in frequent contact.

Sincerely,

John F. Doherty

January 8, 1979

Dupl of 80-2-20-29

Director
Office of Administration
U. S. Nuclear Regulatory Commission
Washington D. C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-80-8

REC'D 1-8-80

Dear Sir or Madam:

Pursuant to the Freedom of Information Act, 5 U.S.C. § 552, as amended, John F. Doherty, Party-Intervenor in the Construction License Proceedings for the Allens Creek Nuclear Generating Station, Docket -50-466, and a private citizen request the following documents concerning several aspects of safety of nuclear power plants, including:

- a. Fuel rod clad safety
- b. Pressure suppression containment systems
- c. Recirculation pump overspeed
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- e. Steel containment shells
- f. Reliability of stand-by emergency generators
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- h. Adequacy of main steam line radiation monitors
- i. Pressure suppression pool integrity
- j. Inadequate rapid fuel failure detection
- k. Vaporization rate during ECCS operation
- l. Fission product release during various events or accidents
- m. Water level indicators
- n. Waterhammer induced pipe cracks; *Requests attached*

which are part of twenty (20) contentions accepted by the Atomic Safety and Licensing Board for this proceeding.

As a citizen full party-intervenor, I request a waiver of the copying fee for requested documents. I have participated in the proceedings since April, 1979. During that time I have filed ten sets of Interrogatories and the same number of document requests to both the NRC Staff and the utility Applicant. I have filed several procedural motions and testified ten hours at the Special Pre-hearing conference in October, 1979. Mr. Steven Sohinki, Counsel for the Staff may verify these statements for you. He may be reached at 492-7268.

Further, that I am not a recipient of funds to carry on such work. I have received less than \$500 to carry out research on the status of problems listed above. I am a law student, not currently employed, and with little available time for that if I am to participate meaningfully in these proceedings.

Therefore, the documents and other items requested below are to be used in preparation for a Commission proceeding, and I request waiver of the usual copying fee for their duplication.

790110036 Report by W. B. Surfin on core meltdown, LWR fuel rod behavior, etc. Undocketed. (29 pages)

790110032 Summary of Non destructive examination review group meeting of 11/19/76. Undocketed (7 pages)

790115005 Undocketed. Discusses state of fire protection. Importance of flame retardant coating on cables. (4 pages)

7901120227 Undocketed. Review of NED021,052 "Max Discharge of Liquid-Vapor Mixtures from Vessels. Eis hut (NRC) (12 pages)

Discussion of the amended application for the Allens Creek Nuclear Generating Station, Unit 1 at the 217th ACRS meeting held May 4 - 5, 1978. See Docket 50-466, or ACRS files. (Length unknown)

Letter from G. G. Sherwood (General Electric) to N. C. Mosely (NRC) of Oct. 11, 1977 in Docket STN 50-531, or STN 50-522. (Length unknown)

Memo for M.D. Stolzenberg, (NRC) to Gary L. Bennett (NRC, Office of Nuclear Regulatory Research) "Safety and Relief Valve Operation". Undocketed, (length unknown)

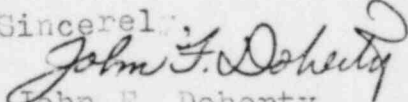
7902230062 Docket STN 50-447, GESSAR-238, Forwardin- letter for Gen. Electric document: "Interim Rrept. on Containment Leads for Mark III Containment" Undocketed (2 pages)

7901290330 Summary of 790012 meeting held with consultants and LWR fuel vendors re progress on fuel damage technical assistance. (26 pages)

7902010051 Undocketed. Report at 6th water safety research Mtr. "Results of the PR2 Nuclear Tests on the Behavior of Zircaloy Clad Fuel Rods." (43 pages)

7902010006. Undocketed. Report at 6th waster safety research Mtr. "Inner Surface Oxidation of Zircaloy Cladding in a LOCA (14 pages)

I appreciate your attention and effort in behalf of this request. Please return this list if possible to me. If there are any questions or other needs, Mr. Sohinki, may be able to assist you, as we are in frequent contact.

Sincerely,

John F. Doherty
4327 Alconbury Lane #3
Houston, Texas 77021

Dupe of 8002120476

January 21, 1980

4327 Alconbury Lane#3
Houston, Texas 77021

Director
Office of Administration
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-80-47
REC'D 1-24-80

Dear Sir or Madam

Pursuant to the Freedom of Information Act, 5 U. S. C. § 552, as amended, John F. Doherty, Party-Intervenor in the Construction License Proceedings for the Allens Creek Nuclear Generating Station, Docket 50-466, and a private citizen requests the documents listed on the following pages. The documents concern several aspects of safety of nuclear power plants which he has raised in those proceedings, and have been accepted by the Atomic Safety and Licensing Board.

As a citizen, full party-intervenor, I request a waiver of the copying fee for requested documents. I have participated in the proceedings since April, 1979. During that time I have filed ten sets of Interrogatories and the same number of document request to both the NRC staff and the utility, Applicant. I have filed several procedural motions and testified ten hours at the special pre-hearing conference in October, 1979. Mr. Steven M. Sohinki, Counsel for NRC Staff may verify these statements for you. He may be reached at 492-7268.

Further, I am not a recipient of funds to carry on such work. I have received less than \$500 to carry out research on the status of problems listed above. I am a law student, not currently employed, and with little available time for that if I am to participate meaningfully in these proceedings.

Therefore, the documents and other items requested below are to be used in preparation for a Commission proceeding, and I request waiver of the usual copying fee for their duplication..

- 7903080570 Undocketed. On steam generator water hammer. (2 pages)
- 7903070261 Undocketed. Meeting on Hatch-II, recirculation inlet safe ends. (4 pages)
- 7903130255 Undocketed. "Structural Integrity of Water Reactor Pressure Boundary Components" (12 pages)
- 7903130536 Undocketed. Memorandum on meeting on mechanical fuel assembly response during LOCA. (12 pages)
- 7903140630 Undocketed. Office of Nuclear Reactor Regulation memo on core melt forecasts and the Lewis Rept (NUREG-0400 (17 pages)
- 7903150002 BWR Blowdown/ ECC Program, progress report (11 pages) Undocketed
- 7903200297 Undocketed. Response to ARES sub comm. re: reactor risk estimates (author: R. Mattson, NRC) (21 pages)
- 7903300595 Undocketed. Combustion Engineering Co. response on pump overspeeds. (4 pages)
- NRC Inspection and Enforcement Bulletin 78-03 of 2/8-78, titled: "Potential Explosive Gas Mixture Accumulation Associated with BWR Offgas System Operations, Docket Unknown, Length Unknown.
- NRC Memorandum from M. D. Stolzenberg (NRC) to Gary L. Bennett, (NRC Office of Nuclear Regulatory Research) titled: "Safety and Relief Valves", Length Unknown. Docket unknown. May, 1979.
- Docket # 50-466, Allens Creek, Letter from Houston Lighting & Power to NRC furnishing information about modifications to the reactor overpressure protection system, April 9, 1975.

I appreciate your attention and effort in behalf of this request. Please return this list if possible to me. If there are any question or other needs, Mr. Sohinki, may be able to assist you, as we are in frequent contact.

Sincerely,

John F. Doherty

John F. Doherty
4327 Alconbury Lane #3
Houston, Texas 77021

March 15, 1980

4337 Alcottway Ln #3
Houston, Tx. 77021

Director Office of Administration
Office of Administration
U. S. Nuclear Regulatory Comm.
Washington D. C. 20555

FREEDOM OF INFORMATION
ACT REQUEST

FOIA-80-134
REC'd 3-17-80

Dear Sir:

Pursuant to the Freedom of Information Act, 5 USC § 552, as amended, and your letter of March 3, 1980, John A. Doherty, Intervenor in the Construction License Proceedings for the Allan Creek Nuclear Generating Station, Unit 1 (Docket # 50-480) requests the documents below. Your letter of March 3, 1980, specifies this Intervenor will pay one fourth the cost of reproducing documents, which will be done in the case of the documents requested below.

THE REQUESTS

7901310107 Undocketed. Minutes of meeting, 5th water Reactor Conference, on multired burst tests (7 pages)

7905080440 Undocketed. Forwarding test results for Solenoid Valve Performance Test. (1 Page)

Letter, R. E. Engel, of General Electric to P. S. Check (NRC) "DC Power Source Failure for BWR/# and #, dated 11/1/78 could be in STN 50-447.

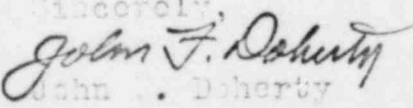
Memorandum from B. L. Siegel, W. A. Hagen and B. Piono (NRC) to D. F. Ross (NRC) "Summary of Regulatory Briefing on Dresden 3 Fuel Failure Experience," March 3, 1975. (Probably in Docket # 50-249)

Letter from R. E. Stephenson (Dresden Nuclear Power Station) to Kepler (NRC) "Rept. of Abnormal Occurrence, Off-gas High Radiation on Unit 3", January 17, 1975. (Docket 50-249)

Letter from A. J. Kalivianchik (Quad Cities Nuclear Station) to C. C. Rusche (NRC) "Abnormal Occurrence Rept. No. AO 50-255/75-17 May 30, 1975 (Docket 50-255)

- 7901210325 "Analysis of Probabilistic Accident Consequences in Core Meltdown" interim report for Oct 1979 (9 Pages, non-docketed)
- Letter from Div of Project Management, NRC to Houston Lighting and Power dated July 21, 1978 on "Outstanding Safety Issues" (Docket 50-466/467, length unknown)
- Letter from Division of Project Management, NRC, to Houston Lighting and Power dated April 14, 1978, on "Outstanding Safety Issues", (Docket 50-466/467, length unknown)
- 7901150079 Docket BFN 50-447 . Letter from G. G. Sherwood of General Electric to NRC re: East Germ (6 pages)
- Docket 50-321, Letter V. A. Moore (NRC) to I.S. Mitchell General Electric of March 22, 1974. ("modified G.E. Model for Fuel Denatification")
- 7904170257 Undocketed . Solenoid Assurance Tests. Submitted by G. Sherwood of General Electric Co.
- 7907 80916 Requests for additional info re Small break LOGA analysis, Ross, D. F. (NRC) (Undocketed)
- 7907240443 Summary of 790524 meeting with G. E. re implications of two-loop apparatus results on G. E. SCCS evaluation model (Undocketed)
- 7909110005 Docket 50-293, Pilgrim-I, Response to I E Bulletin 79-12, "Short Period Scrams at BWRs"
- 7909280041 Docket 50-296, Browns Ferry-III, Response to I E Bulletin 79-12 "Short Period Scrams at BWR facilities"
- 7909280045 Docket 50-263, Monticello , Response to I E Bulletin 79-12, "Short Period Scrams at BWR Facilities"
- Docket # 50-409 LaCrosse Eoling Water Reactor, item "An investigation of the Failure of the Lacrosse BWR Pressure Vessel Closure Studs, 1971.
- Docket # 50-302, Crystal River, Unit #3, Licensee Event Report for In-Containment Water leakage on Feb. 27, 1980.

Thank you very much for your efforts in my behalf. I am sure many of these will help me with my contentions.

Sincerely,

 John F. Doherty