

**RESPONSE TO FREEDOM OF  
INFORMATION ACT (FOIA) / PRIVACY  
ACT (PA) REQUEST**

2003-0018

6

RESPONSE  
TYPE ☐ FINAL ☒ PARTIAL

REQUESTER

James Riccio

DATE

MAY 27 2003

**PART I. -- INFORMATION RELEASED**

- ☐ No additional agency records subject to the request have been located.
- ☐ Requested records are available through another public distribution program. See Comments section.
- ☐ APPENDICES  
Agency records subject to the request that are identified in the listed appendices are already available for public inspection and copying at the NRC Public Document Room.
- ☒ APPENDICES  
**L, M** Agency records subject to the request that are identified in the listed appendices are being made available for public inspection and copying at the NRC Public Document Room.
- ☐ Enclosed is information on how you may obtain access to and the charges for copying records located at the NRC Public Document Room, 2120 L Street, NW, Washington, DC.
- ☒ APPENDICES  
**L, M** Agency records subject to the request are enclosed.
- ☐ Records subject to the request that contain information originated by or of interest to another Federal agency have been referred to that agency (see comments section) for a disclosure determination and direct response to you.
- ☒ We are continuing to process your request.
- ☒ See Comments.

**PART I.A -- FEES**

AMOUNT \*

\$

☐

You will be billed by NRC for the amount listed.

☐

None. Minimum fee threshold not met.

☐

You will receive a refund for the amount listed.

☐

Fees waived.

\* See comments  
for details**PART I.B -- INFORMATION NOT LOCATED OR WITHHELD FROM DISCLOSURE**

- ☐ No agency records subject to the request have been located.
- ☒ Certain information in the requested records is being withheld from disclosure pursuant to the exemptions described in and for the reasons stated in Part II.
- ☒ This determination may be appealed within 30 days by writing to the FOIA/PA Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001. Clearly state on the envelope and in the letter that it is a "FOIA/PA Appeal."

**PART I.C COMMENTS (Use attached Comments continuation page if required)**

Portions of record L/7 contains copyrighted information and is therefore not enclosed. Should you wish to view the copyrighted portions, please contact the NRC's Public Document Room (PDR) at 301-415-4737, or 1-800-397-4209, or by e-mail to pdr@nrc.gov.

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Carol Ann Reed

NRC FORM 464 Part II (6-1998)	U.S. NUCLEAR REGULATORY COMMISSION	FOIA/PA  2003-0018	DATE  MAY 27 2003
<b>RESPONSE TO FREEDOM OF INFORMATION ACT (FOIA) / PRIVACY ACT (PA) REQUEST</b>			

**PART II.A -- APPLICABLE EXEMPTIONS**

APPENDICES  
**M,N**

Records subject to the request that are described in the enclosed Appendices are being withheld in their entirety or in part under the Exemption No.(s) of the PA and/or the FOIA as indicated below (5 U.S.C. 552a and/or 5 U.S.C. 552(b)).

- ☐ Exemption 1: The withheld information is properly classified pursuant to Executive Order 12958.
- ☐ Exemption 2: The withheld information relates solely to the internal personnel rules and procedures of NRC.
- ☐ Exemption 3: The withheld information is specifically exempted from public disclosure by statute indicated.
- ☐ Sections 141-145 of the Atomic Energy Act, which prohibits the disclosure of Restricted Data or Formerly Restricted Data (42 U.S.C. 2161-2165).
- ☐ Section 147 of the Atomic Energy Act, which prohibits the disclosure of Unclassified Safeguards Information (42 U.S.C. 2167).
- ☐ 41 U.S.C., Section 253(b), subsection (m)(1), prohibits the disclosure of contractor proposals in the possession and control of an executive agency to any person under section 552 of Title 5, U.S.C. (the FOIA), except when incorporated into the contract between the agency and the submitter of the proposal.
- ☐ Exemption 4: The withheld information is a trade secret or commercial or financial information that is being withheld for the reason(s) indicated.
- ☐ The information is considered to be confidential business (proprietary) information.
- ☐ The information is considered to be proprietary because it concerns a licensee's or applicant's physical protection or material control and accounting program for special nuclear material pursuant to 10 CFR 2.790(d)(1).
- ☐ The information was submitted by a foreign source and received in confidence pursuant to 10 CFR 2.790(d)(2).
- ☒ Exemption 5: The withheld information consists of interagency or intraagency records that are not available through discovery during litigation. Applicable privileges:
- ☒ Deliberative process: Disclosure of predecisional information would tend to inhibit the open and frank exchange of ideas essential to the deliberative process. Where records are withheld in their entirety, the facts are inextricably intertwined with the predecisional information. There also are no reasonably segregable factual portions because the release of the facts would permit an indirect inquiry into the predecisional process of the agency.
- ☐ Attorney work-product privilege. (Documents prepared by an attorney in contemplation of litigation)
- ☐ Attorney-client privilege. (Confidential communications between an attorney and his/her client)
- ☒ Exemption 6: The withheld information is exempted from public disclosure because its disclosure would result in a clearly unwarranted invasion of personal privacy.
- ☐ Exemption 7: The withheld information consists of records compiled for law enforcement purposes and is being withheld for the reason(s) indicated.
- ☐ (A) Disclosure could reasonably be expected to interfere with an enforcement proceeding (e.g., it would reveal the scope, direction, and focus of enforcement efforts, and thus could possibly allow recipients to take action to shield potential wrongdoing or a violation of NRC requirements from investigators).
- ☐ (C) Disclosure would constitute an unwarranted invasion of personal privacy.
- ☐ (D) The information consists of names of individuals and other information the disclosure of which could reasonably be expected to reveal identities of confidential sources.
- ☐ (E) Disclosure would reveal techniques and procedures for law enforcement investigations or prosecutions, or guidelines that could reasonably be expected to risk circumvention of the law.
- ☐ (F) Disclosure could reasonably be expected to endanger the life or physical safety of an individual.
- ☐ OTHER (Specify)

**PART II.B -- DENYING OFFICIALS**

Pursuant to 10 CFR 9.25(g), 9.25(h), and/or 9.65(b) of the U.S. Nuclear Regulatory Commission 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 person responsible for the denial are those officials identified below as denying officials and the FOIA/PA Officer for any denials that may be appealed to the Executive Director for Operations (EDO).

DENYING OFFICIAL	TITLE/OFFICE	RECORDS DENIED	APPELLATE OFFICIAL		
			EDO	SECY	IG
Samuel J. Collins	Director, Office of Nuclear Reactor Regulation	Appendix N/2, N/3, N/7, N/11, N/12, N/13, N/16, N/20, M/1-M/4	✓		
			✓		
Ashok C. Thadani	Director, Office of Nuclear Regulatory Research	Appendix N/1, N/4-6, N/8-10, N/14, N/15, N/17-19, M/1, M/4-M/7			

Appeal must be made in writing within 30 days of receipt of this response. Appeals should be mailed to the FOIA/Privacy Act Officer, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, for action by the appropriate appellate official(s). You should clearly state on the envelope and letter that it is a "FOIA/PA Appeal."

**APPENDIX L  
RECORDS BEING RELEASED IN THEIR ENTIRETY**

<b><u>NO.</u></b>	<b><u>DATE</u></b>	<b><u>DESCRIPTION/(PAGE COUNT)</u></b>
1.	9/00	Report on the Preliminary Results of the Expert Judgment Process for the Development of a Methodology for a Generalized Flaw Size and Density Distribution for Domestic Reactor Pressure Vessels (cover page) (1 page)
2.	4/1/02	E-Mail from S Long to P O'Reilly, Subject: Verifying Some Davis Besse PRA Info (1 page)
3.	4/1/02	E-Mail from S Long to J Chung, Subject: Large LOCA Treatment in Revision 3i SPAR Models (1 page)
4.	4/23/02	E-Mail from C Moyer to S Long, Subject: Weld Properties Data (1 page)
5.	4/25/02	E-Mail from S Long to W Cullen, Subject: SSA Report (1 page)
6.	5/24/02	E-Mail from W Norris to A Hiser et al., Subject: NRC Questions on Safety Significance Assessment (1 page)
7.	6/26/02	*E-Mail from J Grobe to E Hackett, Subject: Toledo Blade 6/20/02 (2 pages) (1 page Released) Copyrighted: 6/20/02 article by M Woods, Blade Science Editor
8.	7/22/02	E-Mail from S Long to W Norris, Subject: 0350 (1 page)
9.	7/31/02	E-Mail from J Grobe to B Boger et al., Subject: Industry Conference Presentation on Davis Besse (2 pages)
10.	8/5/02	E-mail from N Chokshi to <a href="mailto:koc@nei.org">koc@nei.org</a> , Subject: Research Write-up (4 pages)
11.	8/26/02	E-Mail from M Kirk to J Hopkins, Subject: NRC Request re: Cavity Mold (8 pages)
12.	9/4/02	E-Mail from S Long to M Kirk, Subject: Dental Impression of DB Wastage Area (1 page)
13.	9/16/02	E-Mail from D Jackson to M Marshall, Subject: NUREGs on Flaws in RPVs (4 pages)
14.	10/7/02	E-Mail from G Demoss to S Long, Subject: Meeting with NRR (2 pages)

15. 10/15/02 Boric Acid Corrosion of Vessel Pressure Boundary (19 pages)

**APPENDIX M  
RECORDS WITHHELD IN PART**

<b><u>NO.</u></b>	<b><u>DATE</u></b>	<b><u>DESCRIPTION/(PAGE COUNT)/EXEMPTIONS</u></b>
1.	4/15/02	E-Mail from S Long to A Hiser et al., Subject: Items for Today's 2:00 pm Davis Besse Call (2 pages) <b>Exemption 5</b>
2.	5/5/02	NRC Assessment of Margin Available at Davis Besse (11 pages) <b>Exemption 5</b>
3.	9/5/02	Evolution of MRP-55 Report on Alloy 600 Crack Growth Rates (19 pages) <b>Exemption 5</b>
4.	5/23/02	E-Mail from S Long to W Cullen, Subject: NRC Questions on Safety Significance Assessment (3 pages) <b>Exemption 5</b>
5.	6/19/02	E-Mail from S Long to D Snowberger, Subject: Additional Analyses of Disk Burst Tests (4 pages) (3 pages Released) <b>Exemption 5</b>
6.	7/1/02	E-Mail from J Grobe to DB0350, Subject: Davis Besse Analysis Schedule (4 pages) (2 pages Released) <b>Exemption 5</b>
7.	7/15/02	E-Mail from S Long to D Snowberger, Subject: Failure Model for DB (3 pages) (2 pages Released) <b>Exemption 5</b>

**APPENDIX N  
RECORDS WITHHELD IN THEIR ENTIRETY**

<b><u>NO.</u></b>	<b><u>DATE</u></b>	<b><u>DESCRIPTION/(PAGE COUNT)/EXEMPTIONS</u></b>
1.	8/22/02	Risk Considerations Associated with GSI-191, "Assessment of Debris Accumulation on PWR Sump Performance' (21 pages) <b>Exemption 5</b>
2.	3/28/02	E-Mail from S Long to W Cullen, Subject: More Davis Besse Analysis (2 pages) <b>Exemption 5</b>
3.	4/15/02	E-Mail from S Long to E Hackett, Subject; Items for Today's 2:00 p.m. Davis Besse Call (1 page) <b>Exemption 5</b>
4.	4/26/02	E-Mail from W Cullen to S Sands, Subject: Safety Significance Assessment and Exposed Cladding Area Size (2 pages) <b>Exemption 5</b>
5.	10/xx/02	Memorandum to S Collins from A Thadani, Subject: Comments on Draft "Response to Request for Technical Assistance - Risk Assessment of Davis-Besse Reactor Head Degradation" (5 pages) <b>Exemption 5</b>
6.	5/21/02	E-Mail from Y Wang to M Kirk, Subject: Information Request and Thought on Work Scope for NRR on DB (6 pages) <b>Exemption 5</b>
7.	5/24/02	E-Mail from G Wilkowski to M Kirk, Subject: Davis Basis for Probability Calcs (3 pages) <b>Exemption 5 and 6</b>
8.	6/12/02	RES/ORNL Spreadsheet (14 pages) <b>Exemption 5</b>
9.	6/12/02	Preliminary Results of ORNL Analyses of Disk Burst Tests (26 pages) <b>Exemption 5</b>
10.	6/18/02	E-Mail from W Cullen to M Kirk, Subject: Materials Props Data for D-B Safety Assessment (3 pages) <b>Exemption 5</b>
11.	6/25/02	E-Mail from S Long to D Rasmuson, Subject: Davis Besse Safety Relief Valve Demands (1 page) <b>Exemption 5</b>
12.	6/27/02	E-Mail from S Long to M Kirk, Subject: MEB Anlaysis of Davis Besse (2 pages) <b>Exemption 5</b>
13.	7/2/02	E-Mail from S Long to M Kirk, Subject: MEB Analysis of Davis Besse (2 pages) <b>Exemption 5</b>

14. 7/3/02 E-Mail from W Shack to W Cullen, Subject: Failure of Davis Besse Nozzles by Growth of Circ Cracks (15 pages) **Exemption 5**
15. 7/5/02 E-Mail from W Shack to W Cullen, Subject: Failure of Davis Besse Nozzles by Growth of Circ Cracks R1 (24 pages) **Exemption 5**
16. 7/30/02 E-Mail from S Long to D Pickett, Subject: Nozzle 3 Cavity Exposed Cladding Area (7 pages) **Exemption 5**
17. 7/30/02 E-Mail from R Bass to M Kirk, Subject: Cavity Growth Model II (2 pages) **Exemption 5**
18. 8/12/02 E-Mail from M Kirk to S Long, Subject: Some Comments (20 pages) **Exemption 5**
19. 8/15/02 Draft Memorandum to M Johnson from N Chokshi, Subject: Predecisional Draft of Phase 3 Risk Significance Determination for Davis Besse (2 pages) **Exemption 5**
20. 9/18/02 E-Mail from M Kirk to S Long, Subject: Your Reference #1 (1 page) **Exemption 5**