



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

97-488

2

RESPONSE TYPE  FINAL  PARTIAL

REQUESTER

Ophelia Williams

DATE

NOV 03 1998

**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  **C** 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  **C** 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)**

Records 4, 5, 6, 7, 8, 18, 22, 23, 35, 36 and 37 identified on Appendix C are copyrighted and are not enclosed. These records are available for inspection ONLY at the NRC's PDR.

9811060118 981103  
PDR FOIA  
WILLIAM97-488 PDR

*FOIA/PA*

SIGNATURE - FREEDOM OF INFORMATION ACT AND PRIVACY ACT OFFICER

Russell A. Powell

**APPENDIX C**  
**RECORDS BEING RELEASED IN THEIR ENTIRETY**  
**(If copyrighted identify with \*)**

<u>NO.</u>	<u>DATE</u>	<u>DESCRIPTION/(PAGE COUNT)</u>
1	4/15/97	NRC Staff Presentation to the ACRS, "Generic Letter, 'Degradation of SG Internals'" (12 pages)
2	8/93	EPRI Report, "Steam Generator Progress Report," Rev. 9, by C. Welty, Energy Management Services, Inc. (268 pages)
3	11/94	Report, "Steam Generator Progress Report," Rev. 10, by B. L. Dow (273 pages)
4	Unknown	* Various articles from Nuclear Engineering International on steam generators by B. L. Dow and R. C. Thomas; L. M. Stipan and R. L. Tapping; B. Tapping and P. Janzen (6 pages)
5	12/13/90	* Nucleonics Week, Vol. 31, No. 50, (3 pages)
6	7/27/89	* Nucleonics Week, Vol. 30, No. 30 (14 pages)
7	5/92	* Nuclear Technology, Vol. 98 (7 pages)
8	3/93	* "SID Seeks Sludge and Foreign Bodies in Steam Generator Upper Heads While...", by A. T. Ashton and J. Gay Nuclear Engineering International (4 pages)
9	8/16/96	Memo to C. Wright, Region III, to Jack R. Strosnider, Division of Engineering, Subject: Kewaunee Nuclear Power Plant - Contractor Trip Report for Inspection Report No. 50-305/93005 (2 pages)

- 10            2/4/91            Report, "European Plugging Criteria for Defects at Tube Support Plates," by J. A. Gorn, Dominion Engineering, Inc. (48 pages)
- 11            Unknown            Pages extracted from unknown report discussing "TSP Degradation Related to Tube Denting" and other steam generator related topics (Document Identifier: k:nla:bybwd:ipc3sup3.wpf:31(-34) (4 pages)
- 12            Unknown            Briefing Sheets, Inside NRC Article - Feb. 96 (5 pages)
- 13            11/19/96            Briefing Sheets, Generic Letter 96-xx, "Degradation of Steam Generator Internals" by S. M. Coffin, Division of Engineering (8 pages)
- 14            2/14/91            Fax from S. J. Green, EPRI, to E. L. Murphy, NRC (10 pages)
- 15            3/16/82            Letter from W. O. Parker, Duke Power Company, to H. R. Denton, NRC, re Model D Steam Generator Operation Program (67 pages)
- 16            4/84                Report on the Status of Intergranular Stress Corrosion Cracking in Steam Generator Tube U-Bends (preliminary) (55 pages)
- 17            11/25/91            Press Release, "Results of the Investigation on the Steam Generator Tube Break at Mihama Unit No. 2 of the Kansai Electric Power Company, Inc.," by Agency of Natural Resources and Energy, Ministry of International Trade and Industry, Japan (25 pages)
- 18            8/8/96            \* "French Report Progress in Detecting TSP Damage," Nucleonics Week (3 pages)
- 19            9/97                EPRI TR-108858, "Proceeding: 15th Steam Generator NDE Workshop," (796 pages)
- 20            3/90                EPRI Report NP-6626-SD, "Belgian Approach to Steam Generator Tube Plugging for Primary Water Stress Corrosion Cracking" (392 pages)
- 21            1986                Article, "Flaw Analysis in Steam Generator Tubes," by J. P. Hutin and F. Billon (12 pages)
- 22            3/93                \* Reprint from Nuclear Engineering and Design, "PWSCC in the tube expansion zone -- an overview," by P. Hernalsteen (15 pages)

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| 23 | 5/92    | * Article, "Belgian steam generator experience: the whole picture," by C. Leblois, Nuclear Engineering International (6 pages)   |
| 24 | 10/93   | EPRI Report NP-6865-L, Volume 1, "Steam Generator Tube Integrity, Volume 1: Burst Test Results and Validation of Rupture Criteria (Framatome Data)" (240 pages)  |
| 25 | 10/93   | EPRI Report NP-6865-L, Volume 2, "Steam Generator Tube Integrity, Volume 2: Leak-Before-Break Analysis for Primary Water Stress Corrosion Cracking Near the Tubesheet (Framatome Data)" (154 pages)  |
| 26 | Unknown | Framatome Nuclear Services Brochure, "CEMO, Tooling Maintenance Center, Chalon-Sur-Saone (4 pages)   |
| 27 | Unknown | Framatome Mechanical Engineering Brochure, "At the Heart of Framatome's Nuclear Power Activities, The Chalon St Marcel Factory" (15 pages)   |
| 28 | Unknown | Electricite de France Brochure, "Unite Technique Operationnelle" (36 pages)  |
| 29 | Unknown | Cetic Brochure "At the Heart of the Inaccessible..." (8 pages)   |
| 30 | 1994    | <p>Presentations made at the 13th EPRI SG NDE Workshop, La Jolla, California:</p> <p>"EDF recent experience in Steam Generator Inspection," by Patrick Meugey and Patrick Bordes of Electricite de France (12 pages)</p> <p>"Current Performance in the Eddy of Steam Generator Tube Inspections," by R. Levy and J. Martens of Intercontrole (10 pages)</p> <p>"NDE Techniques Validation on a Retired Steam Generator from Dampierre Unit 1," by Robert J. Comby of Electricite de France (20 pages)</p> |
| 31 | 8/93    | <p>Presentations made at the 12th EPRI SG NDE Workshop, Park City, Utah:</p> <p>"NDE Techniques Validation on a Retired Steam Generator from Dampierre Unit 1," by Robert Comby of Electricite de France (15 pages)</p>  |

"EDF recent experience in Steam Generator Inspection,"  
by Patrick Meugey of Electricite de France (10 pages)

"Performance of Eddy Current Rotating Probes for the  
Characterization of Outer Diameter Damage of SG Tubes  
at Support Plates and U-Bends," by R. Levy and J.  
Martens of Intercontrole (9 pages)

"Circumferential IGSCC: UT the Only Choice?," by D.  
Dobbeni and D. Degreve of Laborelec (12 pages)

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1995

Presentations made at the 14th EPRI SG NDE Workshop,  
Seattle, Washington:

"Specifics of Eddy Current Steam Generator Inspection in  
French Nuclear Power Plants," by R. Samson of R/D tech  
and P. Weber of Logitest (10 pages)

"Circumferential Crack Length Measurement with a  
Transmit-Receive Eddy Current Array Probe," by L. S.  
Obrutsky, V. S. Cecco and S. P. Sullivan of AECL, Chalk  
River Laboratories, and L. Fortin and T. Harasym of  
Ontario Hydro (19 pages)

"Measurement of Circumferential Crack Extent with a  
Rotating Transmit-Receive Eddy Current Probe," by V. S.  
Cecco, L. S. Obrutsky and S. P. Sullivan of AECL, Chalk  
River Laboratories (23 pages)

"High Performance Ultrasonic Inspection of Steam  
Generator Tubes," by O. de Vareilles, J. P. Giraud, F.  
Lasserre and R. Levy of Intercontrole (8 pages)

"The Ultrasonic 2F\* Technique for Circumferential and  
Axial Defect Characterization in Tubing," by J. Zwart, H.  
Cummings and C. Morris of Nuson, Inc. (9 pages)

"UT Inspection for Circumferential and Axial SCC of Inner  
Row U-bend Tubes," by C. Broere and P. Kuiper (24  
pages)

"A Useful Wedding: Combined EC-UT for SCC  
Inspection," by D. Degreve and D. Dobbeni of Laborelec (6  
pages)

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11/96

EPRI Report TR-107161, "Proceedings: 15th Steam  
Generator NDE Workshop" (682 pages)

- 34 1/8/92 "Nuclear Safety 1991," by Pierre Tanguy of Electricite de France (21 pages)
- 35 6/15/95 \* "Nucleonics Week, Volume 36, No. 24 (5 pages)
- 36 10/30/95 \* Note T. Sullivan, NRC, to E. Murphy, NRC, transmitting "Nucleonics Week," Volume 36, No. 42, October 19, 1995 (6 pages)
- 37 2/20/86 \* "Nucleonics Week, Volume 27, No. 8 (8 pages)

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For hard copy,  
refer to PDR Folder: FOIA 97-488  
11-3-98 response #2

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FOIA Name & Number: O. Williams 97-488

Records:

C-4 = 6 pgs	C-35 = 5 pgs
C-5 = 3 pgs	C-36 = 6 pgs
C-6 = 14 pgs	C-37 = 8 pgs
C-7 = 7 pgs	
C-8 = 4 pgs	
C-18 = 3 pgs	
C-22 = 15 pgs	
C-23 = 6 pgs	

97-488 resp. #2

Apdx C 1-37

(minus 4, 5, 6, 7, 8, 18, 22, 23,  
35, 36 & 37 copyrighted)



FOIA/PA REQUEST

**J/R/A ASSOCIATES**  
Regulatory Information & Support Systems  
P.O. Box 4604  
Capitol Heights, MD 20791-4604

Case No: 97-488  
Date Rec'd: 12-23-97  
Action Off: 80L  
Related Cases: \_\_\_\_\_

(301) 249-9672

December 17, 1997  
OGW-97-190

Mr. Russell A. Powell, Chief  
Freedom of Information/Local Public Document  
Room Branch  
M/S T6D8  
U.S. NUCLEAR REGULATORY COMMISSION  
Washington, DC 20555

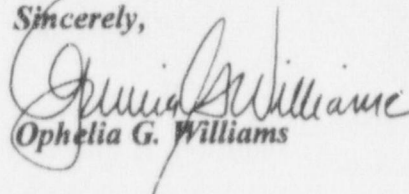
**SUBJECT: FREEDOM OF INFORMATION ACT REQUEST**

Dear Mr. Powell:

*Pursuant to the Freedom of Information Act, 5 USC Paragraph 552, and to the Nuclear Regulatory Commission's regulations, I hereby request copies of any data the NRC documents or possesses on steam generator degradation in international plants.*

*I would appreciate your prompt response within ten working days of the receipt of this request, as provided by the Code and NRC's policies. I agree to pay such fees as required under 10CFR Paragraph 9.33 et seq. without further authorization, however, please call if the fees exceed \$50.00. In addition, please send the response to me only, rather than to the NRC's Public Document Room. Please call if you have questions. Thank you for your services.*

Sincerely,

  
Ophelia G. Williams