

Public Service
Electric and Gas
Company

Corbin A. McNeill, Jr.
Vice President -
Nuclear

Public Service Electric and Gas Company P.O. Box 236, Hancocks Bridge, NJ 08038 609 339-4800

February 28, 1986

NLR-N86024

Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
7920 Norfolk Avenue
Bethesda, MD 20014

Attention: Mr. Steven A. Varga, Director
PWR Project Directorate #3
Division of PWR Licensing A

Gentlemen:

INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA) PHYSICAL
INVENTORY LISTING (PIL)
SALEM UNIT 1
DOCKET NO. 50-272

Pursuant to the request in NRC letter (T. M. Novak) dated
December 17, 1985, enclosed is the Physical Inventory Listing
for Salem Unit 1.

If you have any questions, please contact E. S. Rosenfeld at
(609) 339-4723.

Sincerely,



Enclosure

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11

8603110049 860228
PDR ADOCK 05000272
F PDR

Mr. Steven A. Varga

-2-

2-28-86

C Mr. Donald C. Fischer
Licensing Project Manager

Mr. Thomas J. Kenny
Senior Resident Inspector

Willard B. Brown, Chief
Safeguards Material Licensing
and International Activities Branch
Office of Material Safety and Safeguards, NRC

U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION
MATERIAL BALANCE REPORT

1. NAME AND ADDRESS PUBLIC SERVICE ELECTRIC AND GAS P. O. Box 236 Hancocks Bridge, NJ 08038	2. LICENSE NUMBER(S) DPR70	3. REPORTING IDENTIFICATION SYMBOL (RIS) XHF
	4. REPORT PERIOD FROM N/A TO 1/31/86	
		5. MATERIAL TYPE (Submit separate report for each type) 50

SECTION A MATERIAL ACCOUNTABILITY		
	A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE/NRC 740M ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO		
8. BEGINNING INVENTORY - DOE OWNED		
9. BEGINNING INVENTORY - NOT DOE OWNED		
11. PROCUREMENT FROM DOE	RECEIPTS	
FROM:	RIS	
13. PROCUREMENT - FOR THE ACCOUNT OF DOE		
14. DOD RETURNS - USE A		
15. DOD RETURNS - USE B		
16. DOD RETURNS - OTHER USES		
21. PRODUCTION		
22. FROM OTHER MATERIALS	a. ICT	
	b. ICT	
	c. ICT	
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 741 (Not listed elsewhere)		
FROM:	RIS	
38. DONATED MATERIAL - FROM DOE TO OTHERS		
39. DONATED MATERIAL - FROM OTHERS TO DOE		
40. TOTAL (Lines 8-39)	REMOVALS	
41. EXPENDED IN SPACE PROGRAMS		
42. SALES TO DOE RIS TO:	RIS	
TO:		
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE	RIS	
TO:		
44. DOD - USE A		
45. DOD - USE B		
46. DOD - OTHER USES		
47. EXPENDED IN DOE TESTS		
48. ROUTINE TESTS		
49. SHIPPER - RECEIVER DIFFERENCE		
51. SHIPMENTS REPORTED TO NRC/DOE ON DOE NRC FORM 741 (Not listed elsewhere)		
TO:	RIS	
58. DONATED MATERIAL - TO DOE BY OTHERS		
59. DONATED MATERIAL - TO OTHERS BY DOE		
71. DEGRADATION TO OTHER MATERIALS	a. ICT	
	b. ICT	
72. DECAY		
73. FISSION AND TRANSMUTATION		
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS		
75. ACCIDENTAL LOSSES		
76. APPROVED WRITE-OFFS		
77. INVENTORY DIFFERENCE		
80. ENDING INVENTORY - DOE OWNED	0	0
81. ENDING INVENTORY - NOT DOE OWNED	1751835.0	1296212.0
82. TOTAL (Lines 41-81)	1751835.0	1296212.0
83. BIAS ADJUSTMENT		

SECTION B COUNTRY CONTROL NUMBER DATA		
1. COUNTRY CONTROL NUMBER	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT
USUS0000	1664784.0	1229641.0
CAUS0000	87051.0	66571.0
4. TOTAL WEIGHT (Total must agree with total on line 80 or 81 or both)	1751835.0	1296212.0

SECTION C CERTIFICATION		
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.		
SIGNATURE (See instructions for provisions for nondiscrimination.) <i>[Signature]</i>	TITLE General Mgr - Salem Ops.	DATE February 19, 1986

DOE/NRC Form 742C
(7-80)
MANDATORY DATA COLLECTION
AUTHORIZED BY 10 CFR 30, 40, 50,
70, 75, 150, Public Laws 83-703,
93-438, 95-91

U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB
1901-0125
Expires 6-30-86


PHYSICAL INVENTORY LISTING

1. NAME PUBLIC SERVICE ELECTRIC AND GAS COMPANY STREET ADDRESS P. O. Box 236 CITY Hancocks Bridge			2. DOE/NRC FORM 740M ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			4. REPORTING IDENTIFICATION SYMBOL (RIS) XHF		
STATE NJ	ZIP CODE 08038	3. INVENTORY DATE 1/31/86			5. LICENSE NUMBER(S) DPR70			

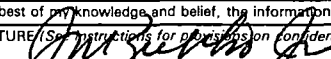
6. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER- CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD	
50	860	656211.0	508942.0					1							
50	861	1095624.0	787270.0					2							
7. TOTALS		1751835.0	1296212.0												

To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.

8. SIGNATURE (See instructions for provisions regarding confidentiality.) 	9. TITLE General Manager - Salem Operations	10. DATE 2/19/86
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U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION
MATERIAL BALANCE REPORT

1. NAME AND ADDRESS PUBLIC SERVICE ELECTRIC AND GAS COMPANY P. O. Box 236 Hancocks Bridge, N.J. 08038		2. LICENSE NUMBER(S) DPR70		3. REPORTING IDENTIFICATION SYMBOL (RIS) XHF	
		4. REPORT PERIOD		5. MATERIAL TYPE (Submit separate report for each type)	
		FROM N/A	TO 1/31/86		
SECTION A MATERIAL ACCOUNTABILITY					
7. DOE/NRC 740M ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO		A. ELEMENT WEIGHT		B. ISOTOPE WEIGHT	
8. BEGINNING INVENTORY - DOE OWNED					
9. BEGINNING INVENTORY - NOT DOE OWNED					
11. PROCUREMENT FROM DOE		RECEIPTS			
FROM:		RIS			
13. PROCUREMENT - FOR THE ACCOUNT OF DOE					
14. DOD RETURNS - USE A					
15. DOD RETURNS - USE B					
16. DOD RETURNS - OTHER USES					
21. PRODUCTION					
22. FROM OTHER MATERIALS		a. ICT			
		b. ICT			
		c. ICT			
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 741 (Not listed elsewhere)		FROM:		RIS	
38. DONATED MATERIAL - FROM DOE TO OTHERS					
39. DONATED MATERIAL - FROM OTHERS TO DOE					
40. TOTAL (Lines 8-39)		REMOVALS			
41. EXPENDED IN SPACE PROGRAMS					
42. SALES TO DOE RIS TO:		RIS			
TO:					
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE		RIS			
TO:					
44. DOD - USE A					
45. DOD - USE B					
46. DOD - OTHER USES					
47. EXPENDED IN DOE TESTS					
48. ROUTINE TESTS					
49. SHIPPER - RECEIVER DIFFERENCE					
51. SHIPMENTS REPORTED TO NRC/DOE ON DOE NRC FORM 741 (Not listed elsewhere)		TO:		RIS	
58. DONATED MATERIAL - TO DOE BY OTHERS					
59. DONATED MATERIAL - TO OTHERS BY DOE					
71. DEGRADATION TO OTHER MATERIALS		a. ICT			
		b. ICT			
72. DECAY					
73. FISSION AND TRANSMUTATION					
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS					
75. ACCIDENTAL LOSSES					
76. APPROVED WRITE-OFFS					
77. INVENTORY DIFFERENCE					
80. ENDING INVENTORY - DOE OWNED		0		0	
81. ENDING INVENTORY - NOT DOE OWNED		255939523.0		4101555.0	
82. TOTAL (Lines 41-81)		255939523.0		4101555.0	
83. BIAS ADJUSTMENT					
SECTION B COUNTRY CONTROL NUMBER DATA					
1. COUNTRY CONTROL NUMBER		2. ELEMENT WEIGHT		3. ISOTOPE WEIGHT	
USUS0000		245017542.0		3941012.0	
CAUS0000		10921981.0		160543.0	
4. TOTAL WEIGHT (Total must agree with total on line 80 or 81 or both)		255939523.0		4101555.0	
SECTION C CERTIFICATION					
To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.					
SIGNATURE (See instructions for provisions on confidentiality.) 				TITLE General Mgr. - Salem Ops.	
				DATE February 19, 1986	

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U.S. DEPARTMENT OF ENERGY
AND
U.S. NUCLEAR REGULATORY COMMISSION

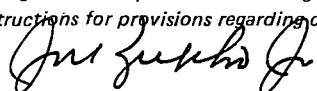
APPROVED BY OMB
1901-0125
Expires 6-30-86

PHYSICAL INVENTORY LISTING

<p>1. NAME PUBLIC SERVICE ELECTRIC AND GAS COMPANY STREET ADDRESS P. O. Box 236 CITY STATE ZIP CODE Hancocks Bridge NJ 08038</p>	<p>2. DOE/NRC FORM 740M ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>4. REPORTING IDENTIFICATION SYMBOL (RIS) XHF</p>
<p>3. INVENTORY DATE 1/31/86</p>		<p>5. LICENSE NUMBER(S) DPR70</p>

6. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SCRAP PROGRAM	g. WEIGHT PER-CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEASURE POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD	
E1	860	85920048.0	1377725.0					1							
E1	861	137459900.0	1486703.0					2							
E1	864	32559559.0	1237113.0					3							
E4	864	16.0	14.0					4							
7. TOTALS		255939523.0	4101555.0												

<p>To the best of my knowledge and belief, the information given above and in any attached schedules is true, complete, and correct.</p> <p>8. SIGNATURE (See instructions for provisions regarding confidentiality.) </p>	<p>9. TITLE General Manager - Salem Operations</p>	<p>10. DATE 2/19/86</p>
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