

Southern California Edison Company



P. O. BOX 800  
2244 WALNUT GROVE AVENUE  
ROSEMEAD, CALIFORNIA 91770

M.O. MEDFORD  
MANAGER, NUCLEAR LICENSING

August 29, 1984

TELEPHONE  
(213) 572-1749

Director, Office of Nuclear Reactor Regulation  
Attention: Mr. George W. Knighton, Branch Chief  
Licensing Branch No. 3  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Gentlemen:

Subject: Docket No. 50-361  
San Onofre Nuclear Generating Station  
Unit 2

- References:
- A. November 28, 1983 letter from George W. Knighton (NRC) to Kenneth P. Baskin (SCE); Subject: IAEA Safeguards Implementation at SONGS 2
  - B. January 17, 1984 letter from M. O. Medford (SCE) to George W. Knighton (NRC); Subject: Draft Facility Attachment, San Onofre Unit 2
  - C. April 23, 1984 letter from George W. Knighton (NRC) to Kenneth P. Baskin (SCE); Subject: Draft Facility Attachment, San Onofre Unit 2
  - D. July 12, 1984 letter from M. O. Medford (SCE) to George W. Knighton (NRC); Subject: Draft Facility Attachment, San Onofre Unit 2
  - E. July 27, 1984 letter from George W. Knighton (NRC) to Kenneth P. Baskin (SCE); Subject: Draft Facility Attachment, San Onofre Unit 2

By Reference A, the NRC requested that Southern California Edison (SCE) review and comment on a draft Facility Attachment which is to be the United States/International Atomic Energy Agency (US/IAEA) Agreement for the application of IAEA Safeguards at San Onofre Unit 2. By Reference B, SCE provided comments to the NRC on the draft Facility Attachment sent to SCE by Reference A. By Reference C, the NRC responded to SCE's comments in Reference B. By Reference D, SCE responded to Reference C. Finally, Reference E provided a copy of a May 25, 1984 draft of the San Onofre Unit 2 Facility Attachment to SCE for review.

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PDR ADOCK 05000361  
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In response to Reference E, SCE has reviewed the May 25, 1984 IAEA draft of the facility attachment, and we propose the following corrections, interpretation and addition which supersede the SCE comments in Reference D:

<u>Code</u>	<u>Comment</u>
1.4	Nominal weight of fuel in assemblies: 395-430 kg total U.
5.2.1	Recording "(b) The estimated burn-up (in MWD/t) for each fuel assembly" means the following:  Burn-up (in MWD/t) will be estimated and recorded at least once per 31 effective full power days (EFPD) for the total core but not for each assembly and will be calculated for each fuel assembly and recorded at an interval of not greater than six months and at the time of taking the core physical inventory during refueling outages.
7.7	Delete the specific names of individuals and replace with the title: Supervising Engineer, Nuclear Licensing, San Onofre Units 2 and 3.
7.8	Delete the specific name of the individual and replace with the title: Manager, Operations and Maintenance Support.

It is requested that the following be added at the end of the Agreement:

#### TERMINATION

- o Pursuant to the provisions of 10 CFR 75.41, the NRC will inform the licensee, in writing, when its installation is no longer subject to Article 39(b) of the principal text of the US/IAEA Safeguards Agreement. The IAEA Safeguards License Conditions incorporating Code 7 (Inspections) of the Facility Attachment as part of NRC License No. NPF-10 will be terminated as of the date of such notice from the NRC. However, since the IAEA may elect to maintain the licensee's installation under Article 2(a) of the Protocol, provisions equivalent to Codes 2 through 6 of the Facility Attachment (with possible appropriate modifications) may still apply, and accordingly all other IAEA Safeguards License Conditions to NRC License No. NPF-10 will remain in effect until the NRC notifies the licensee otherwise. If this option is not selected by the IAEA, the NRC will then notify the licensee that all License Conditions pertaining to the US/IAEA Safeguards Agreement are terminated.

It is our understanding that the finalized Facility Attachment will be implemented at San Onofre Unit 2 through the issuance of a license amendment which has been initiated by the NRC. The notice of amendment to the San Onofre Unit 2 operating license was published in the Federal Register on May 23, 1984 (Vol. 49, No. 101, p. 21840). We appreciate the opportunity to comment on the draft Facility Attachment and also request that we be permitted

August 29, 1984

to comment on any additional changes or interpretations proposed by the NRC or by the IAEA. With the understanding that the interpretations agreed to in References B and C are applicable, and that the NRC and IAEA accept the above SCE corrections, revised interpretation and addition to the May 25, 1984 draft Facility Attachment provided in Reference E, SCE will now accept the Facility Attachment as a license condition for implementation of IAEA Safeguards at San Onofre Unit 2.

The information provided in Reference E has been reviewed to determine if the information is proprietary with the conclusion that SCE does not wish to request the withholding of any of the information from public disclosure under 10 CFR 2.790.

In addition, in response to a request from IAEA Inspector Mr. P. Ikononou during his July 23 and 24, 1984 site visit, enclosed is one copy each of the following for San Onofre Unit 2:

1. Output from the SCENIC and NUCLEAR computer codes used by SCE for nuclear isotopic accounting
2. Copy of the Nuclear Fuel Accountability Ledger
3. Cycle 1 Core Average Thermal Power and Burnup Histories
4. Nuclear Material Transaction Report (Form 741), Material Balance Report (Form 742) and Physical Inventory Listing (Form 742C) for the period July 31, 1983 through June 30, 1984.

Please let me know if you have any questions.

Very truly yours,

*M. A. Medford*

Enclosures

cc: Mr. H. Rood, NRC (to be opened by addressee only)  
Mr. A. Chaffee, NRC (Resident Inspector)  
Mr. J. B. Martin, NRC (Region V)

MATERIAL BALANCE REPORT

1. NAME AND ADDRESS Southern California Edison Company 2244 Walnut Grove Avenue P. O. Box 800 Rosemead, CA 91770	2. LICENSE NUMBER(S) NPF-10	3. REPORTING IDENTIFICATION SYMBOL (RIS) XRF
	4. REPORT PERIOD	
	FROM 7/31/83	TO 6/30/84

SECTION A		MATERIAL ACCOUNTABILITY		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE/NRC FORM ATTACHED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
8. BEGINNING INVENTORY - DOE OWNED				89425879	1915845
9. BEGINNING INVENTORY - NOT DOE OWNED					
11. PROCUREMENT FROM DOE		RECEIPTS RIS			
FROM:					
13. PROCUREMENT - FOR THE ACCOUNT OF DOE					
14. DOE RETURNS - USE A					
15. DOE RETURNS - USE B					
16. DOE RETURNS - OTHER USES					
21. PRODUCTION					
22. FROM OTHER MATERIALS		a. ICT b. ICT c. ICT			
20. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 741 (Not listed elsewhere)		FROM: Combustion Engineering, Inc. RIS ZEF		30704404	1013392
		1000 Prospect Hill Road			
		Windsor, Connecticut 06095			
26. DONATED MATERIAL - FROM DOE TO OTHERS				120130283	2929237
29. DONATED MATERIAL - FROM OTHERS TO DOE					
40. TOTAL (Lines 8-29)					
		REMOVALS			
41. EXPENDED IN SPACE PROGRAMS					
42. SALES TO DOE		RIS			
TO:					
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE		RIS			
TO:					
44. DOE - USE A					
45. DOE - USE B					
46. DOE - 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		0	0
28. DONATED MATERIAL - TO DOE BY OTHERS					
29. DONATED MATERIAL - TO OTHERS BY DOE					
71. DEGRADATION TO OTHER MATERIALS		a. ICT b. ICT			
72. DECAY				0	0
73. FISSION AND TRANSMUTATION				1165209	652518
74. NORMAL OPERATIONAL LOSSES, MEASURED DISCARDS					
75. ACCIDENTAL LOSSES					
76. APPROVED WRITE-OFFS					
77. INVENTORY DIFFERENCE				0	0
80. ENDING INVENTORY - DOE OWNED				0	0
81. ENDING INVENTORY - NOT DOE OWNED				118965074	2276619
82. TOTAL (Lines 41-81)				120130283	2929237
83. BIAS ADJUSTMENT					

SECTION B		COUNTRY CONTROL NUMBER DATA	
1. COUNTRY CONTROL NUMBER USUS0000	2. ELEMENT WEIGHT 118965074	3. ISOTOPE WEIGHT 2276619	
4. TOTAL WEIGHT (Total must agree with total on line 82)	118965074	2276619	

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	TITLE		DATE	
<i>[Signature]</i>	Manager, Nuclear Fuel Supply		July 26, 1984	

18 U.S.C. SECTION 1001, ACT OF JUNE 25, 1948 (42 STAT. 749), MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTERS WITHIN ITS JURISDICTION

NRC/DOE FORM 742 (7-80) (Previous editions are obsolete)



MATERIAL BALANCE REPORT

1. NAME AND ADDRESS Southern California Edison Company 2244 Walnut Grove Avenue P. O. Box 800 Rosemead, CA 91770	2. LICENSE NUMBER(S) NPF-10	3. REPORTING IDENTIFICATION SYMBOL (RIS) XRF
	4. REPORT PERIOD FROM July 31, 1983 TO June 30, 1984	
		5. MATERIAL TYPE (S. 1001) (S. 1002) (S. 1003) (S. 1004) 50

SECTION A		MATERIAL ACCOUNTABILITY	
		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE NRC TADM ATTACHED	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
8. BEGINNING INVENTORY - DOE OWNED			
9. BEGINNING INVENTORY - NOT DOE OWNED		116124	109732
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		335980	259057
22. FROM OTHER MATERIALS		a. ICT b. ICT c. ICT	
30. RECEIPTS REPORTED TO DOE/NRC ON DOE/NRC FORM 742 (Not used elsewhere)		0	0
FROM		RIS	
38. DONATED MATERIAL - FROM DOE TO OTHERS			
39. DONATED MATERIAL - FROM OTHERS TO DOE			
40. TOTAL (Lines 8-29)		452104	368789
41. EXPENDED IN SPACE PROGRAMS		REMOVALS	
42. SALES TO DOE		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 742 (Not used elsewhere)		0	0
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		0	0
73. FISSION AND TRANSMUTATION		0	0
74. NORMAL OPERATIONAL LOSSES/MEASURED DISCARDS			
75. ACCIDENTAL LOSSES			
76. APPROVED WRITE-OFFS			
77. INVENTORY DIFFERENCE		0	0
80. ENDING INVENTORY - DOE OWNED		0	0
81. ENDING INVENTORY - NOT DOE OWNED		452104	368789
82. TOTAL (Lines 41-81)		452104	368789
83. B. AS ADJUSTMENT			

SECTION B		COUNTRY CONTROL NUMBER DATA	
1. COUNTRY CONTROL NUMBER	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT	
USUSUS00	452104	368789	
4. TOTAL WEIGHT (Total must agree with 107B on line 82)		452104	368789

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.			DATE 7/19/84
SIGNATURE (See instructions for provisions on confidentiality)		TITLE	
[Signature]		Manager, Nuclear Fuel Supply	



1. NAME AND ADDRESS Southern California Edison Company 2244 Walnut Grove Avenue P. O. Box 800 Rosemead, California 91770	2. LICENSE NUMBER(S) NPF-10	3. REPORT NO IDENTIFICATION SYMBOL (RIS) YFC
	4. REPORT PERIOD	
	FROM July 31, 1983	TO June 30, 1984

SECTION A MATERIAL ACCOUNTABILITY			A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE NRC FORM ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO				
8. BEGINNING INVENTORY - DOE OWNED				
9. BEGINNING INVENTORY - NOT DOE OWNED		2.2	1.9	
11. PROCUREMENT FROM DOE	RECEIPTS RIS			
FROM				
13. PROCUREMENT - FOR THE ACCOUNT OF DOE				
14. DOD RETURNS - USE A				
15. DOD RETURNS - USE B				
16. DOD RETURNS - OTHER USES				
21. PRODUCTION		0	0	
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	2.2	1.9	
41. EXPENDED IN SPACE PROGRAMS	RIS			
42. SALES TO DOE	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	0	0	
52. DONATED MATERIAL - TO DOE BY OTHERS				
53. DONATED MATERIAL - TO OTHERS BY DOE				
71. DEGRADATION TO OTHER MATERIALS	A. ICT B. ICT			
72. DECAY		0	0	
73. FISSION AND TRANSMUTATION		0	0	
74. NORMAL OPERATIONAL LOSSES MEASURED DISCARDS				
75. ACCIDENTAL LOSSES				
76. APPROVED WRITE-OFFS				
77. INVENTORY DIFFERENCE		0	0	
80. ENDING INVENTORY - DOE OWNED		0	0	
81. ENDING INVENTORY - NOT DOE OWNED		2.2	1.9	
82. TOTAL (Lines 41-81)		2.2	1.9	
83. BIAS ADJUSTMENT				

SECTION B COUNTRY CONTROL NUMBER DATA		1. ISOTOPE WEIGHT
1. COUNTRY CONTROL NUMBER USUSUSUU	2. ELEMENT WEIGHT 2.2	1.9
4. TOTAL WEIGHT (Total must agree with total on line 82)		1.9

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 YV/m	TITLE Manager Nuclear Fuel Supply	DATE 7/18/84

18 U.S.C. SECTION 1001; ACT OF JUNE 25, 1948; 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTERS WITHIN ITS JURISDICTION



DOE/NRC Form 742C  
(7-80)  
MANDATORY DATA COLLECTION  
AUTHORIZED BY 10 CFR 30, 40, 50,  
70, 75, 150, Public Laws 93-703,  
93-434, 95-91

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

APPROVED BY OMB  
038-R0480  
APPROVED BY GAO  
B-180225 (R0690)  
Expires 6-30-83

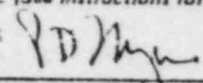
PHYSICAL INVENTORY LISTING

1. NAME Southern California Edison Company STREET ADDRESS 2244 Walnut Grove Avenue CITY Rosemead			2. DOE/NRC FORM 740M ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			4. REPORTING IDENTIFICATION SYMBOL (R/S) XRF		
STATE CA	ZIP CODE 91770		3. INVENTORY DATE June 30, 1984			5. LICENSE NUMBER(S) NPF-10		

6. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. NRC/PROGRAM	g. WEIGHT PERCENT 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 BASE	OTHER MEAS POINT	MEAS METHOD	
83		2.2	1.8												
<b>7. TOTALS</b>		2.2	1.8												

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 Manager, Nuclear Fuel Supply	10. DATE July 26, 1984
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1. NAME AND ADDRESS Southern California Edison Company 2244 Walnut Grove Avenue P. O. Box 800 Rosemead, California 91770	2. LICENSE NUMBER(S) NPF-10	3. REPORTING IDENTIFICATION SYMBOL (RIS) XRF
	4. REPORT PERIOD	
	FROM July 31, 1983	TO June 30, 1984

SECTION A		MATERIAL ACCOUNTABILITY	
		A. ELEMENT WEIGHT	B. ISOTOPE WEIGHT
7. DOE, NRC 740M ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
8. BEGINNING INVENTORY - DOE OWNED			
9. BEGINNING INVENTORY - NOT DOE OWNED		10	10
11. PROCUREMENT FROM DOE			
	RECEIPTS		
	RIS		
FROM			
13. PROCUREMENT - FOR THE ACCOUNT OF DOE			
14. DOD RETURNS - USE A			
15. DOD RETURNS - USE B			
16. DOD RETURNS - OTHER USES			
21. PRODUCTION		0	0
22. FROM OTHER MATERIALS			
	A. ICT		
	B. ICT		
	C. ICT		
30. RECEIPTS REPORTED TO DOE, NRC ON DOE, NRC FORM 741 (No. 10000000000000000000)		0	0
	FROM		
	RIS		
38. DONATED MATERIAL - FROM DOE TO OTHERS			
39. DONATED MATERIAL - FROM OTHERS TO DOE			
40. TOTAL (Lines 8-39)		10	10
REMOVALS			
41. EXPENDED IN SPACE PROGRAMS			
42. SALES TO DOE			
	TO:		
43. SALES TO OTHERS FOR THE ACCOUNT OF DOE			
	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 (No. 10000000000000000000)		0	0
	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		0	0
73. FISSION AND TRANSMUTATION		0	0
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		0	0
82. TOTAL (Lines 41-81)		10	10
83. BIAS ADJUSTMENT		10	10

SECTION B		COUNTRY CONTROL NUMBER DATA	
1. COUNTRY CONTROL NUMBER	2. ELEMENT WEIGHT	3. ISOTOPE WEIGHT	
USUS0000	10	10	
4. TOTAL WEIGHT (Total must agree with total in line 82)			

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	TITLE	DATE	
<i>[Signature]</i>	Manager Nuclear Fuel Supply	7/12/84	

DOE/NRC Form 742C  
 (7-80)  
 MANDATORY DATA COLLECTION  
 AUTHORIZED BY 10 CFR 30, 40, 50,  
 70, 75, 150, Public Laws 83-703,  
 93-433, 95-91

U.S. DEPARTMENT OF ENERGY  
 AND  
 U.S. NUCLEAR REGULATORY COMMISSION  
 PHYSICAL INVENTORY LISTING

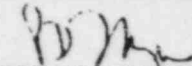
APPROVED BY OMB  
 038-R0480  
 APPROVED BY GAO  
 B-180226 (R0690)  
 Expires 6-30-83

1. NAME Southern California Edison Company STREET ADDRESS 2244 Walnut Grove Avenue CITY Rosemead			2. DOE/NRC FORM 740M ATTACHED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4. REPORTING IDENTIFICATION SYMBOL (RIS)  XRF
STATE CA	ZIP CODE 91770	3. INVENTORY DATE  June 30, 1984	5. LICENSE NUMBER(S)  NPF-10	

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 PERCENT ISOTOPE	h. UMMER CODE	i. UR/IS/IN/CA NUMBER	j. BATCH NAME	k. NO OF ITEMS	l. ASY MEASUREMENT POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS
												MEAS BASE	OTHER MEAS POINT	MEAS METHOD	
E4		10	10												
7. TOTALS		10	10												

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 Manager, Nuclear Fuel Supply	10. DATE July 26, 1984
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DOE/NRC Form 742C  
(7-80)  
MANDATORY DATA COLLECTION  
AUTHORIZED BY 10 CFR 10.40, 50,  
70, 75, 150, Public Laws 91-703,  
92-48, 93-91

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

APPROVED BY OMB  
038-R0480  
APPROVED BY GAO  
B-180225 (R0696)  
Expires 6-30-83

PHYSICAL INVENTORY LISTING

<p>1. NAME Southern California Edison Company</p> <p>STREET ADDRESS 2244 Walnut Grove Avenue</p> <p>CITY STATE ZIP CODE Rosemead CA 91770</p>	<p>2. DOE/NRC FORM 740M ATTACHED</p> <p><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>4. REPORTING IDENTIFICATION SYMBOL (RIS)  XRF</p>
<p>3. INVENTORY DATE  June 30, 1984</p>		<p>6. LICENSE NUMBER(S)  NPF-10</p>

B. BATCH DATA

a. MATERIAL TYPE	b. COMP/FAC CODE	c. ELEMENT WEIGHT	d. ISOTOPE WEIGHT	e. DOE PROJECT NO.	f. SERIAL PROGRAM	g. WEIGHT PER- CENT ISOTOPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO. OF ITEMS	l. KEY MEAS./PB POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS
												MEAS. BASIS	OTHER MEAS. POINT	MEAS. METHOD	
E1	BQ1G	88260670	1263227				J			217	B	N			N
E1	BQ2G	30704404	1013392				J			72	C	N			N
PLEASE SEE ATTACHED COMPUTER LISTING FOR ASSEMBLY DETAIL															
7. TOTALS		118965074	2276619												

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

<p>8. SIGNATURE (See instructions for provisions regarding confidentiality.)  <i>[Signature]</i></p>	<p>9. TITLE  Manager, Nuclear Fuel Supply</p>	<p>10. DATE  July 26, 1984</p>
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DOE/NRC Form 742C  
 (7/80)  
 MANDATORY DATA COLLECTION  
 AUTHORIZED BY 18 CFR 30, 40, 50,  
 70, 75, 150, Public Laws 93-703,  
 93-438, 95-91

U.S. DEPARTMENT OF ENERGY  
 AND  
 U.S. NUCLEAR REGULATORY COMMISSION  
 PHYSICAL INVENTORY LISTING

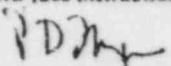
APPROVED BY OMB  
 038-R0480  
 APPROVED BY GAO  
 B-180225 (H0690)  
 Expires 6-30-83

<p>1. NAME                  Southern California Edison Company                  STREET ADDRESS                  2244 Walnut Grove Avenue                  CITY STATE ZIP CODE                  Rosemead CA 91770</p>	<p>2. DOE/NRC FORM 740M ATTACHED  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>	<p>4. REPORTING IDENTIFICATION SYMBOL (RIS)                  XRF</p>
<p>3. INVENTORY DATE                  June 30, 1984</p>		<p>6. LICENSE NUMBER(S)                  NPF-10</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 BU/DIPE	h. OWNER CODE	i. SEQUENCE NUMBER	j. BATCH NAME	k. NO OF ITEMS	l. KEY MEASUREMENT POINT	m. MEASUREMENT I.D.			n. ENTRY STATUS
												HEAR SABB	OTHER HEAR UNIT	HEAR METHOD	
50	BQ4G	452104	368789				J			217	B	N			N
PLEASE SEE ATTACHED COMPUTER LISTING FOR ASSEMBLY DETAIL.															
7. TOTALS		452104	368789												

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

<p>8. SIGNATURE (See instructions for provisions regarding confidentiality.)  </p>	<p>9. TITLE                  Manager, Nuclear Fuel Supply</p>	<p>10. DATE                  July 26, 1984</p>
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CORE AVERAGE BURNUP HISTORY  
SAN ONOFRE UNIT 2

<u>Date</u>	<u>MWD/T</u>
12-27-83	5,966.99
1-4-84	6,259.77
1-11-84	6,458.87
2-16-84	5,966.99
2-23-84	6,786.63
3-1-84	7,035.27
3-8-84	7,289.34
3-21-84	7,653.24
4-5-84	8,124.51
4-11-84	8,355.24
4-19-84	8,659.62
4-26-84	8,916.54
5-3-84	9,171.70
5-9-84	9,397.25
5-17-84	9,689.13
5-24-84	9,949.8
5-31-84	10,215.6
6-8-84	10,522.9
6-13-84	10,686.9
6-30-84	10,914.1

TD:2330F

# SAN ONOFRE II CYCLE 1

## CORE THERMAL POWER vs TIME

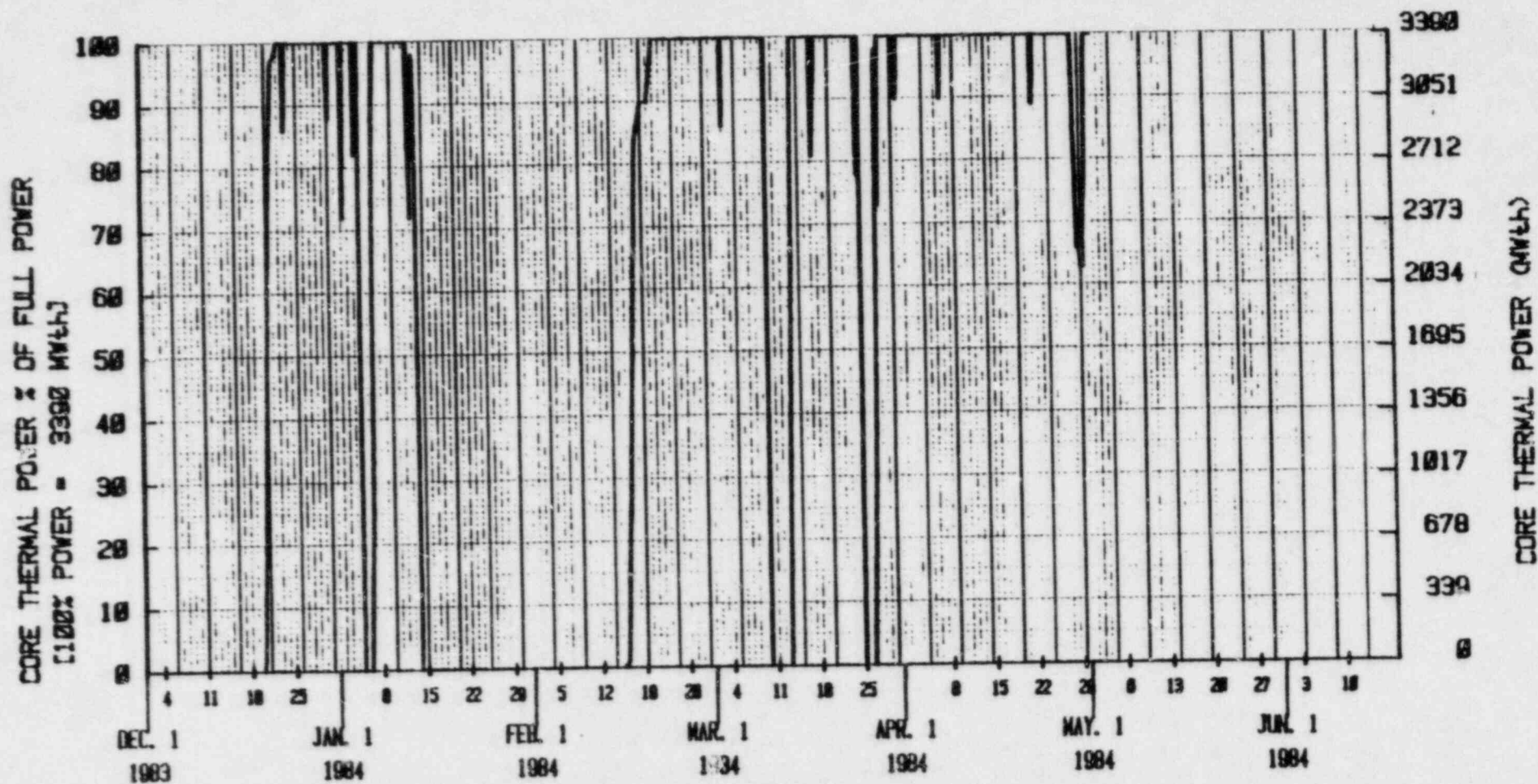


FIGURE III-1B