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50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga 05000323
AUTH.NAME AUTHOR AFFILIATION
EUBANK,T. Pacific Gas & Electric Co.
STIPICEVICH,J. Pacific Gas & Electric Co.
FUJIMOTO,W.H. Pacific Gas & Electric Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly ~~operating~~ repts for May 1995 for Diablo Canyon Units 1 & 2.W/950609 ltr.

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PRIORITY 1 DOCUMENT

Pacific Gas and Electric Company

Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424
805/545-6000

Warren H. Fujimoto
Vice President–Diablo Canyon
Operations and Plant Manager

June 9, 1995

PG&E Letter DCL-95-129

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Docket No. 50-275, DPR-80
Docket No. 50-323, DPR-82
Diablo Canyon Units 1 and 2
Monthly Operating Report for May 1995

Gentlemen:

Enclosed are the monthly operating report forms for Diablo Canyon Units 1 and 2 for May 1995. This report is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications. In accordance with section 4.7.13.3 of the Units 1 and 2 Technical Specifications, the annual Breakwater Settlement Survey for 1995 is included in this report.

Sincerely,

Warren H. Fujimoto

Enclosures

1316S/DDM/1713

JE24

cc: Mr. L. J. Callan, Regional Administrator
U.S. Nuclear Regulatory Commission, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064

Mr. Kenneth E. Perkins
U.S. Nuclear Regulatory Commission, Region IV, Branch Office
1450 Maria Lane
Walnut Creek, CA 94596-5268

Ms. Liz Hannon, President
Utility Data Institute, Inc.
1700 K Street, NW, Suite 400
Washington, DC 20006

INPO Record Center
700 Galleria Parkway
Atlanta, GA 30339-5957

Melanie A. Miller
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 1013 E16
Washington, DC 20555

Mr. Kurt Larson
American Nuclear Insurers
Towne Center, Suite 300 South
29 South Main Street
W. Hartford, Connecticut 06107-2430

bcc	G. M. Rueger	77/B14A
	M. J. Angus	333/A1411
	W. G. Crockett	104/5/506
	B. J. Johanson	333/A8017
	R. F. Locke	77/B30A
	R. J. McDevitt	77/A10E
	A. L. Nicholson	333/A1070
	R. P. Powers	104/5/507
	R. L. Russell	333/A1075
	J. C. Young	104/3/315
	NRC Resident	104/5/538
	Reg. Com. Engr.	104/5/21B
	RMS	

MONTHLY NARRATIVE REPORT
OF OPERATION
AND MAJOR MAINTENANCE EXPERIENCE

This report describes the operating and major maintenance experience for the month of May 1995. This narrative report was prepared by the Plant Staff and is submitted in accordance with Section 6.9.1.7 of the Units 1 and 2 Technical Specifications.

Narrative of Daily Significant Plant Events

On May 1, 1995:	Unit 1 started the month in Mode 1 (Power Operation) at 100% power. Unit 2 started the month in Mode 1 at 100% power.
On May 31, 1995:	Unit 1 ended the month in Mode 1 at 100% power. Unit 2 ended the month in Mode 1 at 100% power.

Summary of Plant Operating Characteristics, Power Reductions and Unit Shutdowns

Unit 1 operated this month with a unit availability factor of 100.00% and a unit capacity factor (using MDC Net) of 101.16 %. Unit 1 did not reduce power by more than 20% for more than four hours this month.

Unit 2 operated this month with a unit availability factor of 100.00% and a unit capacity factor (using MDC Net) of 99.47%. Unit 2 did not reduce power by more than 20% for more than four hours this month.

Summary of Significant Safety Related Maintenance

There was no significant safety related maintenance performed during May for Unit 1.

There was no significant safety related maintenance performed during May for Unit 2.

Actuation of Steam Generator Safety or Pressurizer Power Operated Relief Valves

There were no challenges to the steam generator safety or pressurizer power-operated relief valves.

Report of Breakwater Survey Inspections Required by Technical Specifications 4.7.13.1

The breakwaters were inspected during the months of November to April in accordance with Technical Specifications 4.7.13.1 and 4.7.13.2. Results from this year's survey were verified against the survey performed in 1984. The maximum changes noted in the positions of the breakwater survey monuments are given below:

Easting coordinates	=	-0.14 feet
Northing coordinates	=	-0.04 feet
Elevation	=	-0.16 feet

These differences are so small as to be considered negligible and indicative that no appreciable breakwater displacement or settlement has occurred. Breakwater pictures taken during the survey are provided in Enclosures 1 and 2.

OPERATING DATA REPORT

DOCKET NO.	50-275
UNIT	1
DATE	06/01/95
COMPLETED BY	T. Eubank
	J. Stipicevich
TELEPHONE	(805) 545-4867/4877

OPERATING STATUS

1.	Unit Name:	Diablo Canyon Unit 1
2.	Reporting Period:	May 1995
3.	Licensed Thermal Power (MWt):	3338
4.	Nameplate Rating (Gross MWe):	1137
5.	Design Electrical Rating (Net MWe):	1086
6.	Maximum Dependable Capacity (Gross MWe):	1124
7.	Maximum Dependable Capacity (Net MWe):	1073.4
8.	If changes occur in capacity ratings (items 3 through 7) since last report, give reasons:	N/A
9.	Power level to which restricted, if any (Net MWe):	N/A
10.	Reasons for restrictions, if any:	N/A

		This Month	YTD	Cumulative
11.	Hours In Reporting Period	744.0	3623.0	88245.3
12.	Number Of Hours Reactor Was Critical	744.0	3623.0	74907.3
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	3623.0	73957.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2479506	11919156	235100898
17.	Gross Electrical Energy Generated (MWH)	845900	4050200	79082132
18.	Net Electrical Energy Generated (MWH)	807910	3864869	75050298
19.	Unit Service Factor	100.00	100.00	83.81
20.	Unit Availability Factor	100.00	100.00	83.81
21.	Unit Capacity Factor (Using MDC Net)	101.16	99.38	79.23
22.	Unit Capacity Factor (Using DER Net)	99.99	98.23	78.31
23.	Unit Forced Outage Rate	0.00	0.00	2.96

24. Shutdowns Scheduled Over Next 6 Months
(Type, Date, and Duration of Each): Seventh refueling outage (1R7), September 30, 1995, scheduled 45 days.

25. If Shut Down At End Of Report Period, Estimate Date of Startup: Not applicable.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-275
UNIT	1
DATE	06/01/95
COMPLETED BY	T. Eubank
	J. Stipicevich
TELEPHONE	(805) 545-4867/4877

May 1995	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
	1	1090
	2	1081
	3	1086
	4	1086
	5	1086
	6	1087
	7	1090
	8	1086
	9	1087
	10	1086
	11	1090
	12	1087
	13	1087
	14	1091
	15	1049
	16	1086
	17	1086
	18	1086
	19	1086
	20	1087
	21	1086
	22	1086
	23	1091
	24	1087
	25	1091
	26	1086
	27	1086
	28	1083
	29	1091
	30	1087
	31	1087

The average monthly Electrical Power Level for May 1995 = 1085.90 MWe-Net

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-275
UNIT 1
DATE 06/01/95
COMPLETED BY D. D. Malone
TELEPHONE (805) 545-4859

REPORT MONTH: May 1995

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTDOWN[3]	LICENSEE EVENT REPORT	SYSTEM CODE[4]	COMPONENT CODE[5]	CAUSE & CORRECTI ACTION TO PREVENT RECURRENCE
None									

1
Type:
F-Forced
S-Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation from previous month
5-Power reduction
6-Other

4
EIIS Systems List, Table 1

5
IEEE Std. 803A-1983, "IEEE Recommended Practice for Unique Identification in Power Plants and Related Facilities - Table 2"

OPERATING DATA REPORT

DOCKET NO.	50-323
UNIT	2
DATE	06/01/95
COMPLETED BY	T. Eubank
	J. Stipicevich
TELEPHONE	(805) 545-4867/4877

OPERATING STATUS

1.	Unit Name:	Diablo Canyon Unit 2
2.	Reporting Period:	May 1995
	Licensed Thermal Power (MWt):	3411
4.	Nameplate Rating (Gross MWe):	1164
5.	Design Electrical Rating (Net MWe):	1119
6.	Maximum Dependable Capacity (Gross MWe):	1137
7.	Maximum Dependable Capacity (Net MWe):	1087
8.	If changes occur in capacity ratings (items 3 through 7) since last report, give reasons:	N/A
9.	Power level to which restricted, if any (Net MWe):	N/A
10.	Reasons for restrictions, if any:	N/A

		This Month	YTD	Cumulative
11.	Hours In Reporting Period	744.0	3623.0	80804.0
12.	Number Of Hours Reactor Was Critical	744.0	3623.0	69403.0
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	3618.8	68388.6
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWH)	2530433	12045210	224687491
17.	Gross Electrical Energy Generated (MWH)	840900	3999300	74802303
18.	Net Electrical Energy Generated (MWH)	804403	3821655	71139569
19.	Unit Service Factor	100.00	99.88	84.64
20.	Unit Availability Factor	100.00	99.88	84.64
21.	Unit Capacity Factor (Using MDC Net)	99.47	97.04	81.11
22.	Unit Capacity Factor (Using DER Net)	96.62	94.27	78.68
23.	Unit Forced Outage Rate	0.00	0.12	4.07

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): None.

25. If Shut Down At End Of Report Period, Estimate Date of Startup: Not applicable.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.	50-323
UNIT	2
DATE	06/01/95
COMPLETED BY	T. Eubank
	J. Stipicevich
TELEPHONE	(805) 545-4867/4877

May 1995 DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1080
2	1080
3	1079
4	1089
5	1089
6	1088
7	1089
8	993
9	1088
10	1084
11	1083
12	1084
13	1084
14	1084
15	1084
16	1084
17	1084
18	1084
19	1084
20	1084
21	1080
22	1084
23	1085
24	1080
25	1080
26	1084
27	1084
28	1084
29	1084
30	1085
31	1085

The average monthly Electrical Power Level for May 1995 = 1081.19 MWe-Net

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-323
UNIT 2
DATE 06/01/95
COMPLETED BY D. D. Malone
TELEPHONE (805) 545-4859

REPORT MONTH: May 1995

NO.	DATE	TYPE[1]	DURATION (HOURS)	REASON[2]	METHOD OF SHUTDOWN[3]	LICENSEE EVENT REPORT	SYSTEM CODE[4]	COMPONENT CODE[5]	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
None									

1
Type:
F-Forced
S-Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F- Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation from previous month
5-Power reduction
6-Other

4
EIIS Systems List, Table 1

5
IEEE Std. 803A-1983, "IEEE Recommended Practice for Unique Identification in Power Plants and Related Facilities - Table 2"

REFUELING INFORMATION REQUEST

DOCKET NO.	50-275
UNIT	1
DATE	06/01/95
COMPLETED BY	D. L. Farrer
	D. D. Malone
TELEPHONE	(805) 545-4438/4859

1. Name of facility: Diablo Canyon Unit 1

2. Scheduled date for next refueling shutdown: September 30, 1995

3. Scheduled date for restart following refueling: November 14, 1995

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)? If no such review has taken place, when is it scheduled?

   No. The PSRC reviewed and approved the cycle 7 core reload on March 28, 1994.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures: N/A

7. As of May 31, 1995, the number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool were:

   (a) 193 (b) 464

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

   Present 1324 Increase size by 0

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: 2006 (Loss of full core offload capability).

REFUELING INFORMATION REQUEST

DOCKET NO.	50-323
UNIT	2
DATE	06/01/95
COMPLETED BY	D. L. Farrer
	D. D. Malone
TELEPHONE	(805) 545-4438/4859

1. Name of facility: Diablo Canyon Unit 2

2. Scheduled date for next refueling shutdown: March 16, 1996.

3. Scheduled date for restart following refueling: May 2, 1996.

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what, in general, will there be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)? If no such review has taken place, when is it scheduled?

   No. The PSRC reviewed and approved the cycle 7 core reload on October 21, 1994.

5. Scheduled date(s) for submitting proposed licensing action and supporting information: N/A

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures: N/A

7. As of May 31, 1995, the number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool were:

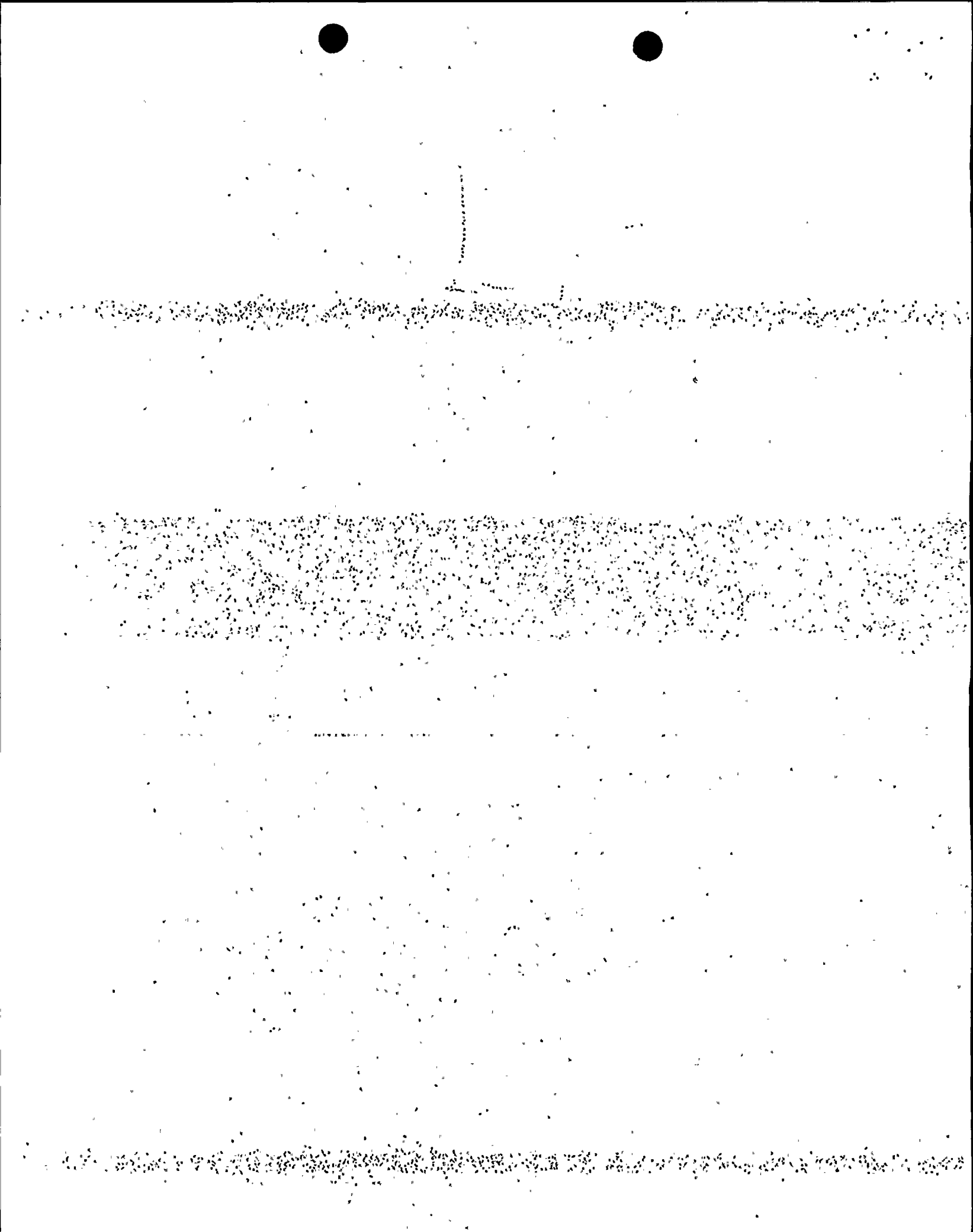
   (a) 193 (b) 484

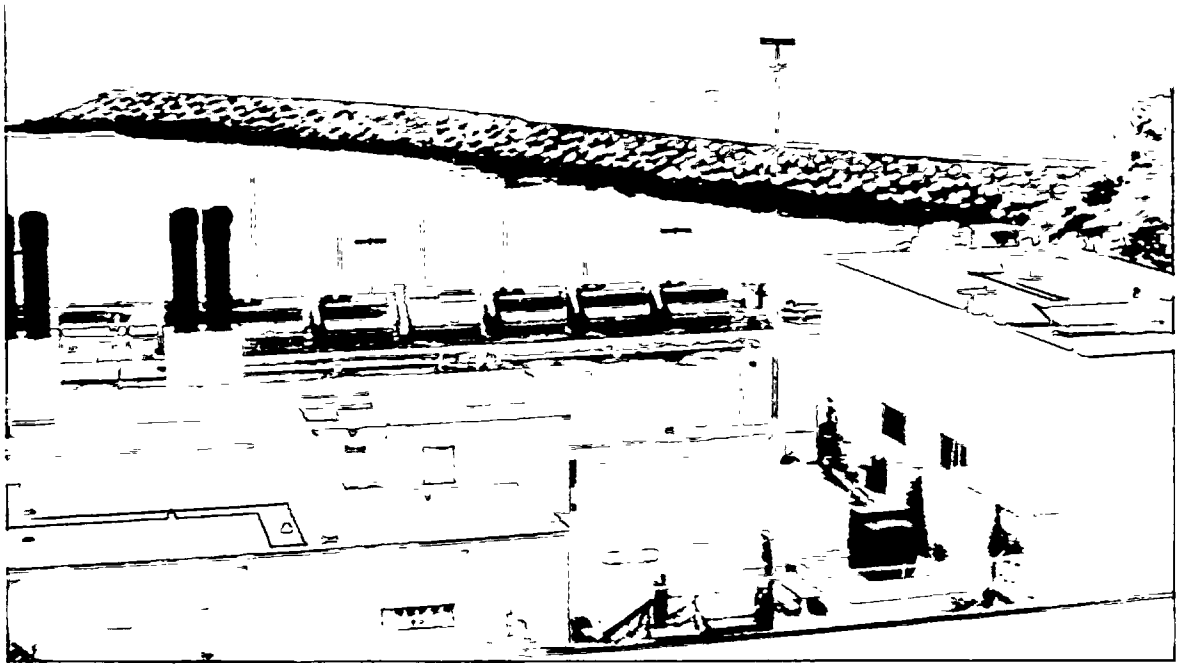
8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies:

   Present 1324 Increase size by 0

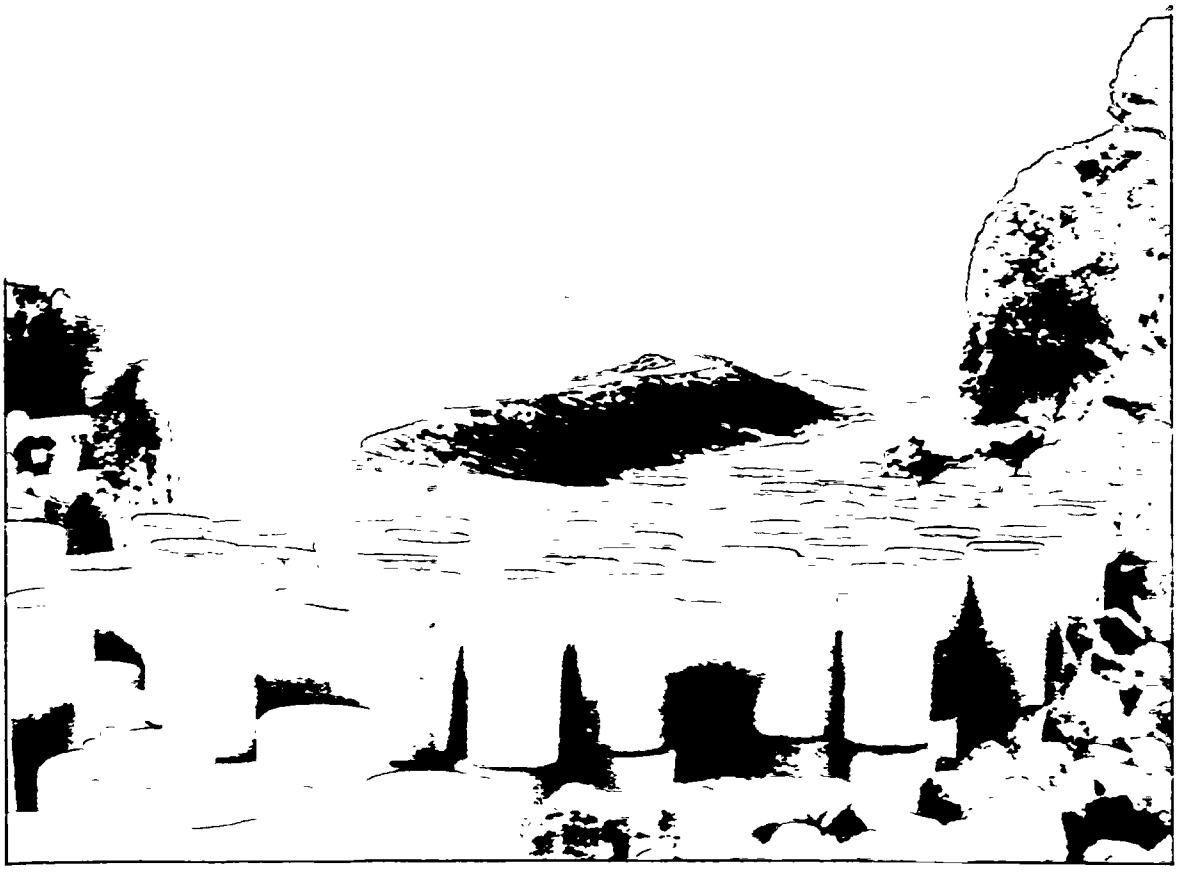
9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity: 2006 (Loss of full core offload capability).

Enclosure 1



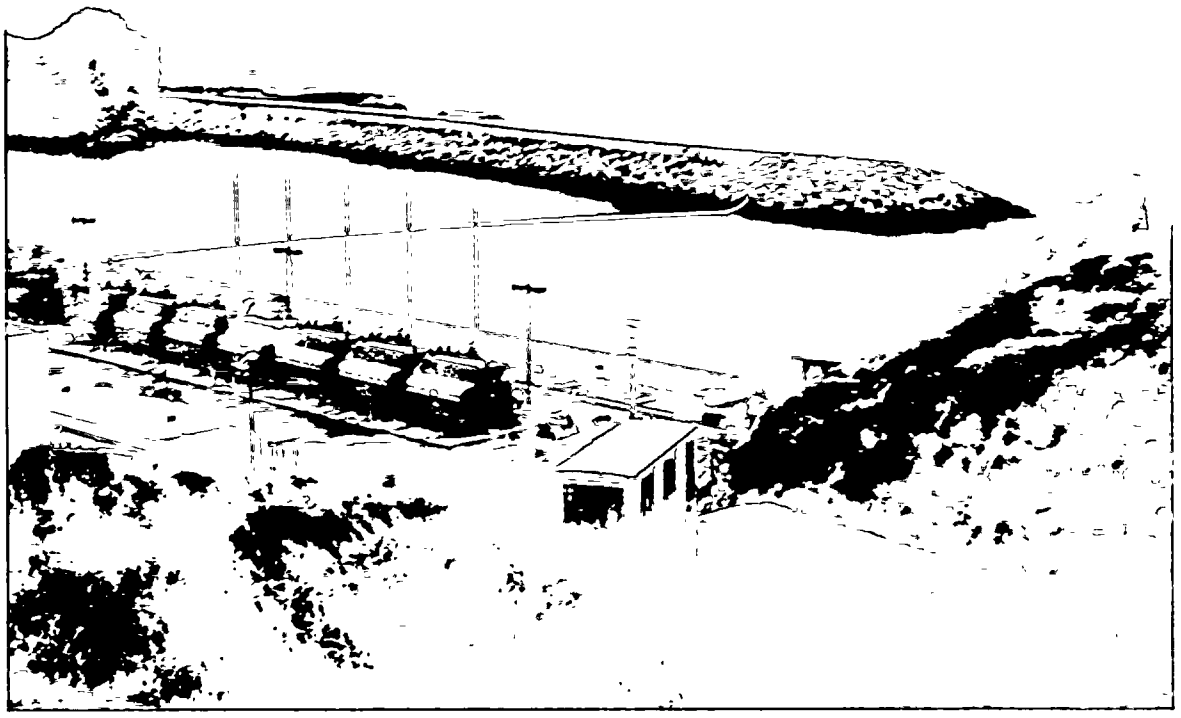


West Breakwater 5/23/95

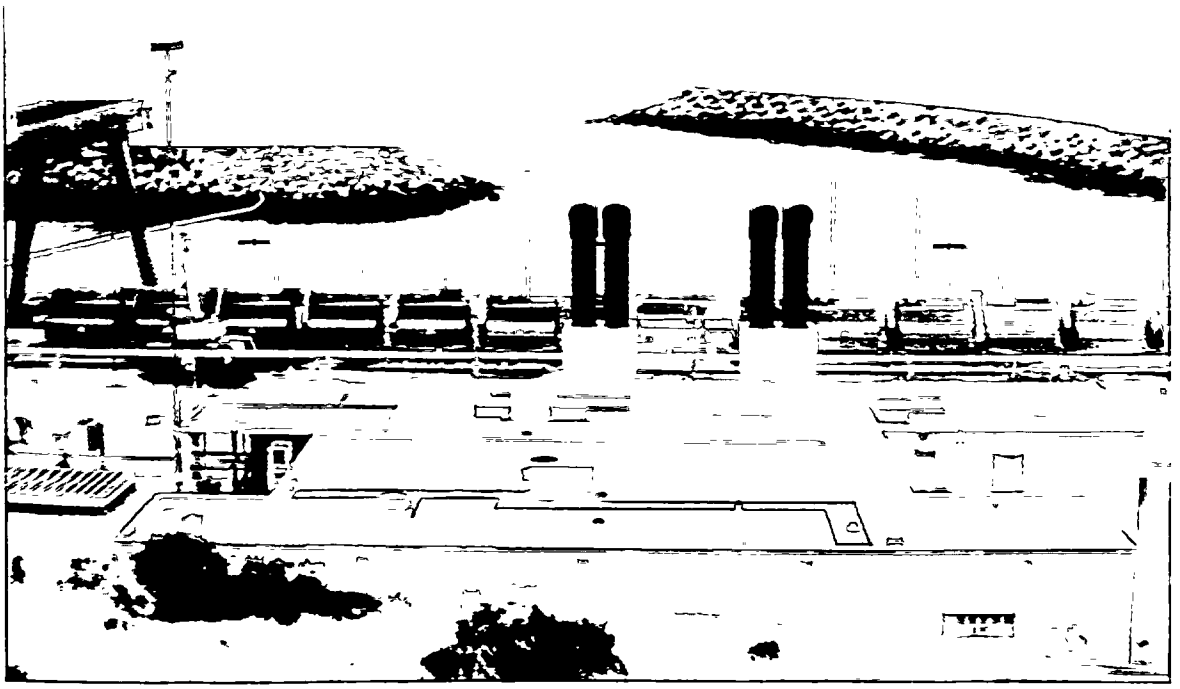


West Breakwater 5/23/95

Enclosure 2



East Breakwater 5/23/95



Breakwater Entrance 5/23/95