

LASALLE NUCLEAR POWER STATION

UNIT 1

MONTHLY PERFORMANCE REPORT

NOVEMBER 1983

COMMONWEALTH EDISON COMPANY

NRC DOCKET NO. 050-373

LICENSE NO. NPF-11

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PDR ADOCK 05000373
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2 TABLE OF CONTENTS

- I. INTRODUCTION
- II. SUMMARY OF OPERATING EXPERIENCE FOR UNIT ONE
- III. PLANT OR PROCEDURE CHANGES, TESTS, EXPERIMENTS, AND SAFETY RELATED MAINTENANCE
 - A. Amendments to Facility License or Technical Specifications
 - B. Facility or Procedure Changes Requiring NRC Approval
 - C. Tests and Experiments Requiring NRC Approval
 - D. Corrective Maintenance of Safety Related Equipment
- IV. LICENSEE EVENT REPORTS
- V. DATA TABULATIONS
 - A. Operating Data Report
 - B. Average Daily Unit Power Level
 - C. Unit Shutdowns and Power Reductions
- VI. UNIQUE REPORTING REQUIREMENTS
 - A. Main Steam Relief Valve Operations
 - B. ECCS System Outages
 - C. Off-Site Dose Calculation Manual Changes
 - D. Major Changes to Radioactive Waste Treatment System
 - E. Changes to the Process Control Program

I. INTRODUCTION

The LaSalle Nuclear Power Station Unit One is a Boiling Water Reactor with a designed electrical output of 1078 MWe net, located in Marseilles, Illinois. The Station is owned by Commonwealth Edison Company. The Architect/Engineer was Sargent & Lundy, and the primary construction contractor was Commonwealth Edison Company.

The condenser cooling method is a closed cycle cooling pond. The plant is subject to License Number NPF-11, issued on April 17, 1982. The date of initial criticality was June 21, 1982. The unit has not commenced commercial generation of power.

This report was compiled by Diane L. Lin, telephone number (815) 357-6761, extension 499.

II. SUMMARY OF OPERATING EXPERIENCE FOR UNIT ONE

November 1-30 The unit started the reporting period at approximately 99% power. On November 2, 1983 at 1002 hours reactor power was reduced to 40%, when the 'B' Reactor Recirculation Pump tripped for STP-34, Vibration Measurements Test. At 1500 hours on November 2 reactor power was 68%. On November 3 at 1945 hours the reactor scrammed due to opening the oil circuit breakers 9-10 and 10-11 during STP-27, Turbine Stop Valve Trip and Generator Load Rejection Test. The reactor was critical for 67 hours and 45 minutes.

III. PLANT OR PROCEDURE CHANGES, TESTS, EXPERIMENTS AND SAFETY RELATED MAINTENANCE

A. Amendments to Facility License or Technical Specifications.

There were no amendments to the facility license or technical specifications during the reporting period.

B. Facility or Procedure Changes Requiring NRC Approval.

There were no facility or procedure changes requiring NRC approval during the reporting period.

C. Tests and Experiments Requiring NRC Approval.

There were no tests or experiments requiring NRC approval during the reporting period.

D. Corrective Maintenance of Safety Related Equipment.

The following tables present a summary of safety-related maintenance completed on Unit One during the reported period. The headings indicated in this summary include: Work Request Numbers, LER Numbers, Component Name, Cause of Malfunctions, Results and Effects on Safe Operation, and Corrective Action.

ATTACHMENT A
CORRECTIVE MAINTENANCE OF
SAFETY RELATED EQUIPMENT

LIP-300-7
Revision 3
March 1, 1983
5

WORK REQUEST	LER	COMPONENT	CAUSE OF MALFUNCTION	RESULTS AND EFFECTS ON SAFE OPERATION	CORRECTIVE ACTION
L16276	83-139/03L-0	Standby Gas Treatment Vent Sample Conditioner	Done per modification	No effect	Replaced valve with a 3/4" valve
L26968 L26969 L26970	---	Diesel '0', '1A' and '1B' Synchocheck Relays	Done per modification	To prevent closure of the diesel breaker when the D/G is out-of-phase with the grid	Installed synchrocheck relays
L27451	---	'0" Diesel Generator	Wattmeter was out-of-adjust- ment	Wattmeter cycles between 2100 and 2400 KW when loaded to approximately 2400 KW	Calibrated wattmeter
L28333	83-122/03L-0	RCIC Steam Line Differential Pressure Switch	Mircoswitch stuck	Switch failed to reset	Tapped switch and it reset
L28543	---	Control Room Radiation Recorder	Mechanical defect in index motor	Won't advance paper & won't print	Replaced motor
L28598	---	OPL58JA SBT Monitor	Bad vacuum pressure transducer	Local audible alarm did not actuate when sample air flow is lost	Replaced vacuum pressure transducer
L28718	---	Damper OVC03YB	Neutral to ground lead off neutral bus	Damper remained open during surveillance	Relanded lead
L28848	---	'A' RHR Service Water Pump	Oiler incorrectly installed on outboard bearing	Bearing leaks oil	Reset oil bubbler
L29057	83-135/03L-0	SBGT WRGM	Bad fuse	Lost all control power	Replaced fuse

ATTACHMENT A
CORRECTIVE MAINTENANCE OF
SAFETY RELATED EQUIPMENT

LIP-300-7
Revision 3
March 1, 1983
5

WORK REQUEST	LER	COMPONENT	CAUSE OF MALFUNCTION	RESULTS AND EFFECTS ON SAFE OPERATION	CORRECTIVE ACTION
L29166	83-127/03L-0	RBM 'A'	Defective power supply	A&C level detectors are reading when an edge rod is selected	Replaced power supply
L29381	---	Keylock switch for 1E32-F008 & 9	Keylock switch is stripped	Key turns freely, 360°	Replaced keylock switch
L29389	---	APRM Flow Comparitor Unit	'A' Flow meter stuck at 62%	'A' flow meter reads higher than 'B', 'C', or 'D'	Repaired 'A' flow meter
L29427	---	Shutdown Cooling Inboard Isolation Valve	Operator needed rebuilding	Handwheel shaft bent	Rebuilt operator
L29443	---	HPCS Relay KX22	Relay contacts bound	Relay did not drop out during surveillance	Replaced relay
L29578 L29579 L29580	---	Mechanical Snubbers	Snubber locked	Snubber is inoperable	Replaced snubbers
L29610	---	Intermediate Range Monitor 'C'	Faulty inop inhibit switch	Caused 1/2 scrams during functional testing	Replaced switch
L29623	---	HPCS full flow Test Valve to CST	Tripping at 114a	Tripped when attempting to open from panel 1H13-P601	Adjusted breaker to trip at 140a
L29624	---	Diesel Generator 'O'	Annunciator module loose	Failure-to-start alarm up without starting D/G	Installed module into socket tightly
L29741	---	RR Sample Valve	Air diaphragm bad	Valve leaks	Replaced air diaphragm
L29803	---	Drywell Pressure Recorder	Dirty slidewire and servo-amplifier pin connectors	Indication bogus	Cleaned slidewire and servoamplifier pin connections

IV. LICENSEE EVENT REPORTS

The following is a tabular summary of all licensee event reports for LaSalle Nuclear Power Station, Unit One, occurring during the reporting period, November 1 through November 30, 1983. This information is provided pursuant to the reportable occurrence reporting requirements as set forth in section 6.6.B.1 and 6.6.B.2 of the Technical Specifications.

<u>Licensee Event Report Number</u>	<u>Date</u>	<u>Title of Occurrence</u>
83-122/03L-0	10/07/83	RCIC Isolation
83-123/01T-0	10/24/83	Loss of Secondary Containment Integrity
83-124/01T-0	10/26/83	Loss of Unit 2 SAT
83-125/03L-0	10/21/83	"1A" Rod Block Monitor
83-126/03L-0	10/27/83	Uncoupled Control Rod 30-19
83-127/03L-0	10/31/83	Malfunction of 'A' Rod Block Monitor
83-128/03L-0	10/16/83	Failure to Test 1A DG Operable
83-129/03L-0	10/18/83	Critical Date Exceeded LIS-RR-01
83-130/03L-0	10/21/83	Stack WRGM
83-131/03L-0	10/19/83	Jet Pump 14 & 15 and 18 & 19 Out of Spec on 24 Hour Surveillance
83-132/03L-0	10/20/83	HPCS Diesel Generator
83-133/03L-0	10/24/83	Loss of Primary Containment Integrity
83-134/03L-0	10/28/83	Blowdown Flow Recorder
83-135/03L-0	10/28/83	Failure of VG WRGM
83-136/03L-0	10/26/83	RWM Failure
83-137/01T-0	11/13/83	Drywell Instrument N ₂ Outboard Isolation Suction Valve Blocked Open

LICENSE EVENT REPORTS (Continued)

83-138/03L-0	11/01/83	2A D/G "A" Air Compressor
83-139/03L-0	11/02/83	Standby Gas Treatment Sample Line
83-140/03L-0	11/23/83	Jumpers on Wrong Unit Panel
83-141/03L-0	11/02/83	Failure of OG H ₂ Analyzer "A"
83-142/03L-0	11/04/83	Shutdown Cooling Suction Inboard Isolation Valve Failure to Open

V. DATA TABULATIONS

The following data tabulations are presented in this report:

- A. Operating Data Report
- B. Average Daily Unit Power Level
- C. Unit Shutdowns and Power Reductions

OPERATING DATA REPORT

DOCKET NO. 050-373UNIT LaSalle OneDATE December 9, 1983COMPLETED BY Diane L. LinTELEPHONE (815) 357-6761 x494

OPERATING STATUS

1. REPORTING PERIOD: November 1983 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 100% MAX. DEPEND. CAPACITY (MWe-Net): 0
DESIGN ELECTRICAL RATING (MWe-Net): 1078
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): _____
4. REASONS FOR RESTRICTION (IF ANY): _____

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>67.8</u>	<u>3617.4</u>	<u>6364.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>67.8</u>	<u>3086.8</u>	<u>4945.38</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>187365</u>	<u>5864648</u>	<u>8005227</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>61072</u>	<u>1782781</u>	<u>2304080</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>50157</u>	<u>1639809</u>	<u>2100584</u>
12. REACTOR SERVICE FACTOR	<u>NA</u>	<u>NA</u>	<u>NA</u>
13. REACTOR AVAILABILITY FACTOR	<u>NA</u>	<u>NA</u>	<u>NA</u>
14. UNIT SERVICE FACTOR	<u>NA</u>	<u>NA</u>	<u>NA</u>
15. UNIT AVAILABILITY FACTOR	<u>NA</u>	<u>NA</u>	<u>NA</u>
16. UNIT CAPACITY FACTOR (Using MOC)	<u>NA</u>	<u>NA</u>	<u>NA</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>NA</u>	<u>NA</u>	<u>NA</u>
18. UNIT FORCED OUTAGE RATE	<u>NA</u>	<u>NA</u>	<u>NA</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/16/83

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

INITIAL CRITICALITY	<u>6/21/83</u>
INITIAL ELECTRICITY	<u>9/04/82</u>
COMMERCIAL OPERATION	<u>12/31/83</u>

ATTACHMENT B

LTP-300-7
Revision 3
March 1, 1983
6

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 050-373UNIT LaSalle OneDATE December 9, 1983COMPLETED BY Diane L. LinTELEPHONE (815) 357-6761 X499MONTH November 1983DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>1052</u>
2	<u>849</u>
3	<u>546</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>---</u>

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100 line for the restricted power level line. In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

ITP-300-7
Revision 3
March 1, 1983
9 (Final)

ATTACHMENT E
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November 1983

DOCKET NO. 050-373

UNIT NAME LaSalle One

DATE December 9, 83

COMPLETED BY Diane L. Lin

TELEPHONE (815) 357-6761
X499

NO.	DATE	TYPE		DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
41	11/2/83		S	0.0	B	5	Tripped the 'B' Reactor Recirc Pump during STP-34
42	11/3/83		S	652:15	B	3	Opened oil circuit breakers 9-10 and 10-11 for STP-27

VI. UNIQUE REPORTING REQUIREMENTS

A. Main Steam Relief Valve Operations for Unit 1

Relief valve operations during the reporting period are summarized in the following Table. The table included information as to which relief valve was actuated, how it was activated and the circumstances resulting in its actuation.

<u>Date</u>	<u>Valves Actuated</u>	<u>No & Type Actuations</u>	<u>Plant Conditions</u>	<u>Description of Events</u>
11/3/83	1B21-F013S	1 Automatic	1070 psig	STP-27
11/3/83	1B21-F013V	1 Automatic	1070 psig	STP-27
11/3/83	1B21-F013E	1 Automatic	1070 psig	STP-27

B. ECCS Systems Outages

There were no ECCS System Outages during this reporting period.

C. Off-Site Dose Calculation Manual

The following changes were made to the Off-Site Dose Calculation Manual effective September 1983.

1. Page 8.4-2, Table 8.4-1, Item 2 The number of "other sites" is 24, not 40. There are 8 inner ring TLD locations and 16 outer ring TLD locations.
2. Page 8.4-2, Table 8.4-1 This program is a 2 year program which began with September 1982, and will terminate in September 1984.
3. Page 8.4-5, Table 8.4-2 Subsequent program will commence in 1985. Refer to item 2 above.
4. Page 8.4-6, Table 8.4-2, Item 2b Refer to item 1 above.

The changes incorporated into pages 8.4-2, 8.4-5, and 8.4-6 and shown as Revision 10, September 1983 are changes in the administration of the program. The accuracy or reliability of dose calculations and setpoints are not reduced. The subject changes were reviewed and found acceptable by the Onsite Review and Investigative Function. Attached are copies of the revised pages to the ODCM and Onsite Review, OSR 83-33, dated August 30, 1983.

D. Radioactive Waste Treatment System

There were no changes to the Radioactive Waste Treatment System during this reporting period.

E. Process Control Program

There were no changes to the Process Control Program during this reporting period.

ATTACHMENT A

LASALLE COUNTY STATION
ASSIGNMENT OF SUBJECT FOR
ONSITE REVIEW AND INVESTIGATION

DATE ASSIGNMENT MADE 6-2-83

ASSIGNMENT REVIEW NUMBER 82-32

SUBJECT TO BE REVIEWED:

Schedules used for Environmental Sampling to ensure that locations and samples are correctly identified in accordance with T.S. 3/4.12.1

PERSONNEL ASSIGNED TO MAKE REVIEW AND INVESTIGATION:

FR Lawless NPPT R/C
NAME DISCIPLINE

WR Lueft R/C/R/C
NAME DISCIPLINE

L. R. Aldrich R/C (and R Protection)
NAME DISCIPLINE

JC Renwick NPPT/R/C/RE/MSES
NAME DISCIPLINE

DATE FINDINGS AND RECOMMENDATIONS ARE TO BE REPORTED: 7-1-83

M. D. Dineen
SUPERINTENDENT
LASALLE COUNTY STATION

DISCIPLINES:

- NPPT - Nuclear Power Plant Technology
- RO - Reactor Operations
- RE - Reactor Engineering
- R/C - Radiation Protection and Control
- I/C - Instrumentation and Control
- MSES - Mechanical and Electrical Systems

ATTACHMENT A

L.O.S.R. REPORT

Date Review Complete 8-27-83 Review Number BB-33

Subject of Review:

Schedules used for Environmental Sampling to ensure that locations and samples are correctly identified in accordance with Tech Spec 3/4.12.1

Findings and Recommendations: Table 3.12.1-1 (T.S. 3/4.12)

None. ~~See~~

None when

Item 1, Item 2 - Change to read as indicated. Also change column heading to read as indicated. Refer also to changes to ODCM pages 8.4-2, 8.4-5, and 8.4-6 (attached). FRL

Attachments:

Participants:

Stallard 6-21-83 10/27/83
W. L. Lunt 6/24/83
F. R. Lawless 6/28/83

Should this report be sent to the Offsite Review and Investigation Function?

information only
 Reason for submittal to Offsite Review Function:

YES	NO
X	

Date of Submittal

Approved:

A. I. Diederich
 Station Superintendent 07:2

TABLE 8.4-1

RADIOLOGICAL MONITORING PROGRAM

(1982 - 1984)

<u>SAMPLE MEDIUM</u>	<u>TYPE AND FREQUENCY OF ANALYSIS*</u>	<u>COLLECTION SITES</u>	<u>FREQUENCY OF COLLECTING</u>	<u>NONROUTINE REPORTING LEVELS</u>
1. Airborne				
a. Particulate Filter	Gross beta - W. Sr 89, 90 - Q. comp. Gamma Spec. - Q. comp.	Seneca, Marseilles, Ottawa, Grand Ridge, Sycamore, Ransom, Route 6 at Gonnam Road, Kernan, and six stations near the site (see Figure 8.4-1)	Continuous operation of a sampler for a week	Cs-134, 10 pCi/m ³ Cs-137, 20 pCi/m ³
b. Charcoal Cartridge	I-131	Same as for 1a	Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³
2. TLD	Gamma Radiation	Same as for 1a, plus 24 other sites distributed near the site boundary and at 5 miles (see Figures 8.4-1 and 8.4-2) Minimum of 2 TLD's per packet	Quarterly	None
3. Surface Water	Sr-89, 90 - Q. comp. Gamma Spec. - M. comp. Gross beta - W. Tritium - Q. comp.	Illinois River at intake of Illinois Nitrogen Corp. Illinois River at Marseilles Illinois River at Ottawa Illinois River at Seneca South Kickapoo Creek Cooling lake near recreation area	Weekly	**

8.4-2

LA SALLE

REVISION 10
SEPTEMBER 1983

TABLE 8.4-2

RADIOLOGICAL MONITORING PROGRAM

(1985 and Later)

SAMPLE MEDIA	COLLECTION SITE	TYPE OF ANALYSIS	FREQUENCY	NONROUTINE REPORTING LEVELS**
1. Air Monitoring	a. Onsite and near field*	a. Filter - gross beta***	a. Continuous operation of a sampler for a week	Cs-134, 10; Cs-137, 20 pCi/m ³
	1. Nearsite Station 1			
	2. Onsite Station 2			
	3. Onsite Station 3			
	4. Nearsite Station 4	b. Charcoal - I-131	b. Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³
	5. Onsite Station 5			
	6. Nearsite Station 6			
		c. Sampling Train - Test and Maintenance	c. Weekly	Not Applicable
	b. Far Field*			
	7. Seneca	a. Filter Exchange	a. Continuous operation of a sampler for a week	Cs-134, 10; Cs-137, 20 pCi/m ³ when analyses are made
	8. Marseilles			
	9. Grand Ridge			
	10. Streator			
	11. Ransom	b. Charcoal Exchange	b. Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³ when analyses are made
	12. Kernan			
	13. Route 6 at Gonnarn Road			
	14. Ottawa	c. Sampling Train - Test and Maintenance	c. Weekly	Not Applicable

LA SALLE

REVISION 10
SEPTEMBER 1983

TABLE 8.4-2 (Cont'd)

SAMPLE MEDIA	COLLECTION SITE	TYPE OF ANALYSIS	FREQUENCY	NONROUTINE REPORTING LEVELS**
2. TLD	a. Same as Item 1, Air Monitoring Sites*	Gamma Radiation	Quarterly	None
	b. Plus 24 other sites distributed about the site boundary and at 5 miles* (minimum of 2 TLD's per packet)			
3. Fish	a. Marseilles Pool of Illinois River	Gamma Isotopic	Semi-annual	pCi/kg wet weight
				Mn-54 3×10^4
				Co-58 3×10^4
				Zn-65 2×10^3
				Cs-137 2×10^3
				Fe-59 1×10^4
				Co-50 1×10^3
4. Milk	a. Three nearby dairies or private animals including the nearest, if possible	I-131	a. Weekly during grazing season, May to October	pCi/l
				I 131, 3
				Cs-134, 70
				Cs-137, 60
				Ba-La-140, 300
			b. Monthly, November to April	Same as above

8.4-6

LA SALE

REVISION 10
SEPTEMBER 1983

TABLE 8.4-1

RADIOLOGICAL MONITORING PROGRAM

(1982 - ~~1983~~)

1984

SAMPLE MEDIUM	TYPE AND FREQUENCY OF ANALYSIS*	COLLECTION SITES	FREQUENCY OF COLLECTING	NONROUTINE REPORTING LEVELS
1. Airborne				
a. Particulate Filter	Gross beta - W. Sr 89, 90 - Q. comp. Gamma Spec. - Q. comp.	Seneca, Marseilles, Ottawa, Grand Ridge Streator, Ransom, Route 6 at Gonnam Road, Kernan, and six stations near the site (see Figure 8.4-1)	Continuous operation of a sampler for a week	Cs-134, 10 pCi/m ³ Cs-137, 20 pCi/m ³
b. Charcoal Cartridge	I-131	Same as for 1a	Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³
2. TLD	Gamma Radiation	Same as for 1a, plus ²⁴ 40 other sites distributed near the site boundary and at 5 miles (see Figures 8.4-1 and 8.4-2) Minimum of 2 TLD's per packet	Quarterly	None
3. Surface Water	Sr-89, 90 - Q. comp. Gamma Spec. - M. comp. Gross beta - W. Tritium - Q. comp.	Illinois River at Intake of Illinois Nitrogen Corp. Illinois River at Marseilles Illinois River at Ottawa Illinois River at Seneca South Kickapoo Creek Cooling lake near recreation area	Weekly	**

LA SALLE

REVISION 4
MARCH 1982

8.4-2

TABLE 8.4-2

RADIOLOGICAL MONITORING PROGRAM

(1984 and Later)
1985

SAMPLE MEDIA	COLLECTION SITE	TYPE OF ANALYSIS	FREQUENCY	NONROUTINE REPORTING LEVELS**
1. Air Monitoring	a. Onsite and near field*	a. Filter - gross beta***	a. Continuous operation of a sampler for a week	Cs-134, 10; Cs-137, 20 pCi/m ³
	1. Nearsite Station 1			
	2. Onsite Station 2			
	3. Onsite Station 3			
	4. Nearsite Station 4	b. Charcoal - I-131	b. Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³
	5. Onsite Station 5			
	6. Nearsite Station 6			
		c. Sampling Train - Test and Maintenance	c. Weekly	Not Applicable
	b. Far Field*			
	7. Seneca	a. Filter Exchange	a. Continuous operation of a sampler for a week	Cs-134, 10; Cs-137, 20 pCi/m ³ when analyses are made
	8. Marselles			
	9. Grand Ridge			
	10. Streator			
	11. Ransom	b. Charcoal Exchange	b. Continuous operation of a sampler for 2 weeks	0.9 pCi/m ³ when analyses are made
	12. Kernan			
	13. Route 6 at Gonnarn Road			
	14. Ottawa	c. Sampling Train - Test and Maintenance	c. Weekly	Not Applicable

LA SALLE

REVISION 4
MARCH 1982

TABLE 8.4-2 (Cont'd)

SAMPLE MEDIA	COLLECTION SITE	TYPE OF ANALYSIS	FREQUENCY	NONROUTINE REPORTING LEVELS**																
2. TLD	a. Same as Item 1, Air Monitoring Sites*	Gamma Radiation	Quarterly	None																
	b. Plus ²⁴ 10 other sites distributed about the site boundary and at 5 miles* ⁵ (minimum of 2 TLD's per packet)																			
3. Fish	a. Marseilles Pool of Illinois River	Gamma Isotopic	Semi-annual	<table><tr><td colspan="2">pCi/kg wet weight</td></tr><tr><td>Mn-54</td><td>3 x 10⁴</td></tr><tr><td>Co-58</td><td>3 x 10⁴</td></tr><tr><td>Zn-65</td><td>2 x 10³</td></tr><tr><td>Cs-137</td><td>2 x 10⁴</td></tr><tr><td>Fe-59</td><td>1 x 10⁴</td></tr><tr><td>Co-60</td><td>1 x 10³</td></tr><tr><td>Cs-134</td><td>1 x 10³</td></tr></table>	pCi/kg wet weight		Mn-54	3 x 10 ⁴	Co-58	3 x 10 ⁴	Zn-65	2 x 10 ³	Cs-137	2 x 10 ⁴	Fe-59	1 x 10 ⁴	Co-60	1 x 10 ³	Cs-134	1 x 10 ³
pCi/kg wet weight																				
Mn-54	3 x 10 ⁴																			
Co-58	3 x 10 ⁴																			
Zn-65	2 x 10 ³																			
Cs-137	2 x 10 ⁴																			
Fe-59	1 x 10 ⁴																			
Co-60	1 x 10 ³																			
Cs-134	1 x 10 ³																			
4. Milk	a. Three nearby dairies or private animals including the nearest, if possible	I-131 ^{††}	a. Weekly during grazing season, May to October	<table><tr><td colspan="2">pCi/l</td></tr><tr><td>I-131,</td><td>3</td></tr><tr><td>Cs-134,</td><td>70</td></tr><tr><td>Cs-137,</td><td>60</td></tr><tr><td>Ba-La-140,</td><td>300</td></tr></table>	pCi/l		I-131,	3	Cs-134,	70	Cs-137,	60	Ba-La-140,	300						
pCi/l																				
I-131,	3																			
Cs-134,	70																			
Cs-137,	60																			
Ba-La-140,	300																			
			b. Monthly, November to April	Same as above																

LA SALLE

REVISION 4
MARCH 1982



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

December 9, 1983

Director, Office of Management Information
and Program Control
United States Nuclear Regulatory Commission
Washington, D.C. 20555

ATTN: Document Control Desk

Gentlemen:

Enclosed for your information is the monthly performance report covering LaSalle County Nuclear Power Station, Unit One, for the period covering November 1 through November 30, 1983.

Very truly yours,

G. J. Diederich
Station Superintendent
LaSalle County Station

GJD/DLL/bej

Enclosure

xc: J. G. Keppler NRC, Region III
NRC Resident Inspector LaSalle
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D. P. Galle CECO
D. L. Farrar CECO
INPO Records Center
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