

	IPEC SITE MANAGEMENT MANUAL	QUALITY RELATED ADMINISTRATIVE PROCEDURE	IP-SMM-AD-103	Revision 0
		INFORMATIONAL USE	Page 13 of 21	

ATTACHMENT 10.1

SMM CONTROLLED DOCUMENT TRANSMITTAL FORM

SITE MANAGEMENT MANUAL CONTROLLED DOCUMENT TRANSMITTAL FORM - PROCEDURES

Page 1 of 1

		CONTROLLED DOCUMENT TRANSMITTAL FORM - PROCEDURES		
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CC_NAME	NAME	DEPT	LOCATION
1	OPS PROCEDURE GROUP SUPV.	OPS PROCEDURE GROUP	IP2
3	PLANT MANAGER'S OFFICE	UNIT 3 (UNIT 3/IPEC ONLY)	IP2
5	CONTROL ROOM & MASTER	OPS (3PT-D001/6 (U3/IPEC)	IP3 (ONLY)
11	RES DEPARTMENT MANAGER	RES (UNIT 3/IPEC ONLY)	45-4-A
19	STEWART ANN	LICENSING	GSB-2D
20	CHEMISTRY SUPERVISOR	CHEMISTRY DEPARTMENT	45-4-A
21	TSC (IP3)	EEC BUILDING	IP2
22	SHIFT MGR. (LUB-001-GEN)	OPS (UNIT 3/IPEC ONLY)	IP3
23	LIS	LICENSING & INFO SERV	OFFSITE
25	SIMULATOR	TRAIN (UNIT 3/IPEC ONLY)	48-2-A
28	RESIDENT INSPECTOR	US NRC 88' ELEVATION	IP2
32	EOF	E-PLAN (ALL EP'S)	EOF
47	CHAPMAN N	BECHTEL	OFFSITE
50	TADEMY L. SHARON	WESTINGHOUSE ELECTRIC	OFFSITE
55	GSB TECHNICAL LIBRARY	A MCCALLION/IPEC & IP3	GSB-3B
61	SIMULATOR	TRAIN (UNIT 3/IPEC ONLY)	48-2-A
69	CONROY PAT	LICENSING/ROOM 205	GSB-2D
99	BARANSKI J (ALL)	ST. EMERG. MGMT. OFFICE	OFFSITE
106	SIMULATOR INSTRUCT AREA	TRG/3PT-D001-D006 ONLY)	#48
164	CONTROL ROOM & MASTER	OPS (3PT-D001/6 (U3/IPEC)	IP3 (ONLY)
207	TROY M	PROCUREMENT ENG.	1A
273	FAISON CHARLENE	NUCLEAR LICENSING	WPO-12
319	L.GRANT (LRQ-OPS TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
354	L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
357	L.GRANT (ITS/INFO ONLY)	TRAINING - ILO CLASSES	48-2-A
424	GRANT LEAH (9 COPIES)	(UNIT 3/IPEC ONLY)	#48
474	OUELLETTE P	ENG., PLAN & MGMT INC	OFFSITE
483	SCHMITT RICHIE	MAINTENANCE ENG/SUPV	45-1-A
484	HANSLER ROBERT	REACTOR ENGINEERING	72'UNIT 2
489	CLOUGHNESSY PAT	PLANT SUPPORT TEAM	GSB-3B
491	ORLANDO TOM (MANAGER)	PROGRAMS/COMPONENTS ENG	45-3-G
492	FSS UNIT 3	OPERATIONS	K-IP-I210
493	OPERATIONS FIN TEAM	33 TURBIN DECK	45-1-A
494	AEOF/A.GROSJEAN (ALL EP'S)	E-PLAN (EOP'S ONLY)	WPO-12D
495	JOINT NEWS CENTER	EMER PLN (ALL EP'S)	EOF
496	L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
497	L.GRANT (LRQ-OPS/TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
500	L.GRANT (LRQ-OPS TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
501	L.GRANT (LRQ-OPS TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
512	L.GRANT (LRQ-OPS TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
513	L.GRANT (LRQ-OPS TRAIN)	LRQ (UNIT 3/IPEC ONLY)	#48
518	DOCUMENT CONTROL DESK	NRC (ALL EP'S)	OFFSITE
527	MILIANO PATRICK	NRC/SR. PROJECT MANAGER	OFFSITE
529	FIELDS DEBBIE	OUTAGE PLANNING	IP3/OSB

Distribution of IP3 Technical Specification Amendment 226

(Approved by NRC April 6, 2005)

Pages are to be inserted into your controlled copy of the IP3 Technical Specifications following the instructions listed below. The **TAB** notation indicates which section the pages are located.

REMOVE PAGES

INSERT PAGES

TAB - Facility Operating License

Page 3 (Amendment 225)

Page 3 (Amendment 226)

TAB - List of Effective Pages

Pages 1 through 3,
(Amendment 225)

Pages 1 through 3,
(Amendment 226)

TAB - List of Amendments

Page 13

Page 13

TAB 3.0 – LCO and SR Applicability

Page 3.0-2 (Amendment 205)
Page 3.0-5 (Amendment 205)

Page 3.0-2 (Amendment 226)
Page 3.0-5 (Amendment 226)

TAB 3.3 - Instrumentation

Page 3.3.3-1 (Amendment 211)
Page 3.3.4-1 (Amendment 205)

Page 3.3.3-1 (Amendment 226)
Page 3.3.4-1 (Amendment 226)

TAB 3.4 – Reactor Coolant System

Page 3.4.11-1 (Amendment 205)
Page 3.4.12-2 (Amendment 205)
Page 3.4.15-1 (Amendment 205)
Page 3.4.16-1 (Amendment 205)

Page 3.4.11-1 (Amendment 226)
Page 3.4.12-2 (Amendment 226)
Page 3.4.15-1 (Amendment 226)
Page 3.4.16-1 (Amendment 226)

TAB 3.5 - ECCS

Page 3.5.3-1 (Amendment 205)

Page 3.5.3-1 (Amendment 226)

TAB 3.6 – Containment Systems

Page 3.6.8-1 (Amendment 205)

Page 3.6.8-1 (Amendment 226)

TAB 3.7 – Plant Systems

Page 3.7.4-1 (Amendment 205)

Page 3.7.4-1 (Amendment 226)

Page 3.7.5-1 (Amendment 205)

Page 3.7.5-1 (Amendment 226)

TAB 3.8 – Electrical Power

Page 3.8.1-1 (Amendment 205)

Page 3.8.1-1 (Amendment 226)

- (4) ENO pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess, and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; Amdt. 203
11/27/00
- (5) ENO pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility. Amdt. 203
11/27/00
- C. This amended license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:
 - (1) Maximum Power Level

ENO is authorized to operate the facility at steady state reactor core power levels not in excess of 3216 megawatts thermal (100% of rated power).
 - (2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 226 are hereby incorporated in the License. ENO shall operate the facility in accordance with the Technical Specifications.
 - (3) (DELETED) Amdt. 205
2-27-01
 - (4) (DELETED) Amdt. 205
2-27-01
- D. (DELETED) Amdt.46
2-16-83
- E. (DELETED) Amdt.37
5-14-81
- F. This amended license is also subject to appropriate conditions by the New York State Department of Environmental Conservation in its letter of May 2, 1975, to Consolidated Edison Company of New York, Inc., granting a Section 401 certification under the Federal Water Pollution Control Act Amendments of 1972.

INDIAN POINT 3
 TECHNICAL SPECIFICATIONS - APPENDIX A
 LIST OF EFFECTIVE PAGES
 Page 1 of 3

Page	Amend
Table of Contents	
i	205
ii	205
iii	207
iv	210
v	207
Section 1.1	
1	205
2	205
3	224
4	205
5	225
6	205
7	205
8	205
Section 1.2	
1	205
2	205
3	205
Section 1.3	
1	205
2	205
3	205
4	205
5	205
6	205
7	205
8	205
9	205
10	205
11	205
12	205
13	205
Section 1.4	
1	205
2	205
3	205
4	205
Section 2.0	
1	225

Section 3.0	
1	205
2	226
3	205
4	212
5	226
Section 3.1.1	
1	205
Section 3.1.2	
1	205
2	205
Section 3.1.3	
1	205
2	205
Section 3.1.4	
1	205
2	205
3	205
4	205
5	205
Section 3.1.5	
1	205
2	205
Section 3.1.6	
1	205
2	205
3	205
Section 3.1.7	
1	205
2	205
3	205
4	205
Section 3.1.8	
1	205
2	205
Section 3.2.1	
1	205
2	205
3	205
Section 3.2.2	
1	205

2	205
3	205
Section 3.2.3	
1	205
2	205
3	205
4	205
Section 3.2.4	
1	205
2	205
3	205
4	205
Section 3.3.1	
1	205
2	205
3	205
4	205
5	205
6	205
7	205
8	205
9	205
10	205
11	205
12	205
13	225
14	205
15	225
16	205
17	205
18	205
19	225
20	225
Section 3.3.2	
1	205
2	205
3	205
4	205
5	205
6	205
7	205

8	225
9	213
10	205
11	225
12	205
13	205
Section 3.3.3	
1	226
2	211
3	205
4	211
5	211
Section 3.3.4	
1	226
2	205
Section 3.3.5	
1	205
2	205
Section 3.3.6	
1	205
2	205
3	205
4	205
5	205
Section 3.3.7	
1	205
2	205
3	205
Section 3.3.8	
1	215
2	205
Section 3.4.1	
1	225
2	225
Section 3.4.2	
1	205
Section 3.4.3	
1	205
2	205
3	220
4	220

The latest amendment reflected in this list is: **Amendment 226**

INDIAN POINT 3
 TECHNICAL SPECIFICATIONS - APPENDIX A
 LIST OF EFFECTIVE PAGES
 Page 2 of 3

5	220
Section 3.4.4	
1	205
Section 3.4.5	
1	205
2	205
3	205
Section 3.4.6	
1	205
2	205
3	205
Section 3.4.7	
1	205
2	205
3	205
Section 3.4.8	
1	205
2	205
Section 3.4.9	
1	225
2	225
Section 3.4.10	
1	205
2	205
Section 3.4.11	
1	226
2	205
3	205
Section 3.4.12	
1	205
2	226
3	205
4	205
5	205
6	205
7	205
8	205
9	220
10	220
11	220
12	220

Section 3.4.13	
1	205
2	205
Section 3.4.14	
1	205
2	205
3	205
4	205
5	205
Section 3.4.15	
1	226
2	205
3	205
4	205
Section 3.4.16	
1	226
2	205
3	205
4	205
Section 3.5.1	
1	222
2	205
3	205
Section 3.5.2	
1	205
2	205
3	205
4	205
Section 3.5.3	
1	226
2	205
Section 3.5.4	
1	205
2	205
Section 3.6.1	
1	205
2	205
Section 3.6.2	
1	205
2	205
3	205

4	205
5	205
Section 3.6.3	
1	205
2	205
3	205
4	205
5	205
6	205
Section 3.6.4	
1	205
Section 3.6.5	
1	205
Section 3.6.6	
1	205
2	205
3	205
4	205
Section 3.6.7	
1	205
2	205
Section 3.6.8	
1	226
2	205
Section 3.6.9	
1	205
2	205
Section 3.6.10	
1	205
2	205
3	205
4	205
Section 3.7.1	
1	205
2	205
3	225
4	205
Section 3.7.2	
1	205
2	205
3	205

Section 3.7.3	
1	207
2	207
3	207
Section 3.7.4	
1	226
2	205
Section 3.7.5	
1	226
2	205
3	205
4	205
Section 3.7.6	
1	205
2	205
Section 3.7.7	
1	205
2	218
Section 3.7.8	
1	205
2	205
Section 3.7.9	
1	205
2	205
3	205
Section 3.7.10	
1	205
Section 3.7.11	
1	223
2	205
Section 3.7.12	
1	205
Section 3.7.13	
1	215
2	205
Section 3.7.14	
1	205
Section 3.7.15	
1	205
2	205

The latest amendment reflected in this list is: **Amendment 226**

INDIAN POINT 3
 TECHNICAL SPECIFICATIONS - APPENDIX A
 LIST OF EFFECTIVE PAGES
 Page 3 of 3

Section 3.7.16	
1	205
2	205
3	205
Section 3.7.17	
1	205
Section 3.8.1	
1	226
2	205
3	205
4	205
5	205
6	205
7	205
8	205
9	205
10	205
Section 3.8.2	
1	205
2	205
3	205
4	205
Section 3.8.3	
1	205
2	205
3	205
4	205
5	205
Section 3.8.4	
1	216
2	216
3	216
Section 3.8.5	
1	205
2	205
Section 3.8.6	
1	205
2	205
3	205
4	205

Section 3.8.7	
1	205
2	205
3	205
Section 3.8.8	
1	205
2	205
Section 3.8.9	
1	205
2	205
Section 3.8.10	
1	205
2	205
Section 3.9.1	
1	205
Section 3.9.2	
1	205
2	205
Section 3.9.3	
1	215
2	215
3	215
Section 3.9.4	
1	205
2	205
Section 3.9.5	
1	205
2	205
Section 3.9.6	
1	205
Section 4.0	
1	205
2	205
3	205
Section 5.0	
1	205
2	205
3	205
4	205
5	205
6	205

7	205
8	205
9	210
10	205
11	221
12	205
13	205
14	205
15	205
16	205
17	205
18	205
19	205
20	205
21	224
22	224
23	224
24	224
25	224
26	205
27	205
28	205
29	205
30	206
31	225
32	205
33	205
34	225
35	225
36	205
37	205
38	205

The latest amendment reflected in this list is: **Amendment 226**

Entergy Nuclear Operations, Inc
Indian Point 3 Nuclear Power Plant
License Amendments Page 13

AMENDMENT	SUBJECT	LETTER DATE
217	Use of Best-Estimate Large-Break Loss of Coolant Accident analysis methodology (WCAP 12945)	05/06/2003
218	Revise City Water surveillance to reflect addition of (backflow preventer) valves	08/04/2003
219	Revise Ventilation Filter Testing Program to adopt ASTM D3803 charcoal filter testing requirements per GL 99-02.	10/30/2003
220	Extension of the RCS pressure/temperature limits and corresponding OPS limits from 16.17 to 20 EPFY.	12/03/2003
221	Extension of RCP flywheel inspection interval (from 10 years to 20 years) per TSTF 421.	07/02/2004
222	Inoperable accumulator time extended from 1 hour to 24 hours per TSFT-370.	08/18/2004
223	Extension of the allowed outage time to support the placement of the CRVS in an alternate configuration for tracer gas testing.	01/19/2005
224	Full-scope adoption of alternate source term for dose consequence analysis of DBAs.	03/22/2005
225	Stretch Power Uprate (4.85%) from 3067.4 MWt to 3216 MWt, and adoption of TSTF-339.	03/24/2005
226	Adopt TSTF-359; Increased Flexibility in Mode Restraints.	04/06/2005

LCO 3.0.4 When an LCO is not met, entry into a MODE or other specified condition in the Applicability shall only be made:

- a. When the associated ACTIONS to be entered permit continued operation in the MODE or other specified condition in the Applicability for an unlimited period of time;
- b. After performance of a risk assessment addressing inoperable systems and components, consideration of the results, determination of the acceptability of entering the MODE or other specified condition in the Applicability, and establishment of risk management actions, if appropriate; exceptions to this Specification are stated in the individual Specifications, or
- c. When an allowance is stated in the individual value, parameter, or other Specification.

This Specification shall not prevent changes in MODES or other specified conditions in the Applicability that are required to comply with ACTIONS or that are part of a shutdown of the unit.

LCO 3.0.5 Equipment removed from service or declared inoperable to comply with ACTIONS may be returned to service under administrative control solely to perform testing required to demonstrate its OPERABILITY or the OPERABILITY of other equipment. This is an exception to LCO 3.0.2 for the system returned to service under administrative control to perform the testing required to demonstrate OPERABILITY.

(continued)

3.0 SR APPLICABILITY (continued)

SR 3.0.4 Entry into a MODE or other specified condition in the Applicability of an LCO shall only be made when the LCO's Surveillances have been met within their specified Frequency, except as provided by SR 3.0.3. When an LCO is not met due to Surveillances not having been met, entry into a MODE or other specified condition in the Applicability shall only be made in accordance with LCO 3.0.4.

This provision shall not prevent entry into MODES or other specified conditions in the Applicability that are required to comply with ACTIONS or that are part of a shutdown of the unit.

3.3 INSTRUMENTATION

3.3.3 Post Accident Monitoring (PAM) Instrumentation

LCO 3.3.3 The PAM instrumentation for each Function in Table 3.3.3-1 shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

----- NOTE -----
Separate Condition entry is allowed for each Function.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more Functions with one required channels inoperable.	A.1 Restore one channel to OPERABLE status.	30 days
B. Required Action and associated Completion Time of Condition A not met.	B.1 Initiate action in accordance with Specification 5.6.7	Immediately

(continued)

3.3 INSTRUMENTATION

3.3.4 Remote Shutdown

LCO 3.3.4 The Remote Shutdown Functions shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

----- NOTE -----
Separate Condition entry is allowed for each Function.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more required Functions inoperable.	A.1 Restore required Function to OPERABLE status.	30 days
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3.	6 hours
	<u>AND</u> B.2 Be in MODE 4.	12 hours

3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.11 Pressurizer Power Operated Relief Valves (PORVs)

LCO 3.4.11 Each PORV and associated block valve shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3.

ACTIONS

----- NOTE -----
 Separate Condition entry is allowed for each PORV.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more PORVs inoperable and capable of being manually cycled.	A.1 Close and maintain power to associated block valve.	1 hour
B. One PORV inoperable and not capable of being manually cycled.	B.1 Close associated block valve.	1 hour
	<u>AND</u>	
	B.2 Remove power from associated block valve.	1 hour
	<u>AND</u>	
	B.3 Restore PORV to OPERABLE status.	7 days

(continued)

ACTIONS

----- NOTE -----
 LCO 3.0.4.b is not applicable when entering MODE 4.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more HHSI pump(s) capable of injecting into the RCS.	A.1 Initiate action to verify no HHSI pumps are capable of injecting into the RCS.	Immediately
	<u>OR</u>	
	A.2.1 Verify RCS is vented with opening ≥ 2.00 square inches.	Immediately
	<u>AND</u>	
	A.2.2 Verify pressurizer level is $\leq 0\%$.	Immediately <u>AND</u> Once per 12 hours
	<u>AND</u>	
	A.2.3 Verify no more than two HHSI pumps are capable of injecting into the RCS.	Immediately <u>AND</u> Once per 12 hours
	<u>OR</u>	
	A.3.1 Verify RCS is vented with opening greater than or equal to one pressurizer code safety valve flange.	Immediately
	<u>AND</u>	
A.3.2 Verify no more than two HHSI pumps are capable of injecting into the RCS	<u>AND</u> Once per 12 hours	

(continued)

3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.15 RCS Leakage Detection Instrumentation

LCO 3.4.15 The following RCS leakage detection instrumentation shall be OPERABLE:

- a. One containment sump discharge flow monitor;
- b. One containment atmosphere radioactivity monitor (gaseous or particulate); and
- c. One containment fan cooler unit condensate measuring system.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Required containment sump flow monitor inoperable.	A.1 Perform SR 3.4.13.1.	Once per 24 hours
	<u>AND</u> A.2 Restore required containment sump monitor to OPERABLE status.	30 days

(continued)

3.4 REACTOR COOLANT SYSTEM (RCS)

3.4.16 RCS Specific Activity

LCO 3.4.16 The specific activity of the reactor coolant shall be within limits.

APPLICABILITY: MODES 1 and 2,
MODE 3 with RCS loop average temperature (T_{avg}) \geq 500°F.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. DOSE EQUIVALENT I-131 > 1.0 Ci/gm.	----- NOTE ----- LCO 3.0.4.c is applicable -----	
	A.1 Verify DOSE EQUIVALENT I-131 within the acceptable region of Figure 3.4.16-1. <u>AND</u> A.2 Restore DOSE EQUIVALENT I-131 to within limit.	Once per 4 hours 48 hours
B. Gross specific activity of the reactor coolant not within limit of SR 3.4.16.1.	B.1 Be in MODE 3 with $T_{avg} < 500^\circ\text{F}$.	6 hours

(continued)

3.5 EMERGENCY CORE COOLING SYSTEMS (ECCS)

3.5.3 ECCS-Shutdown

LCO 3.5.3 One ECCS residual heat removal (RHR) subsystem and one ECCS recirculation subsystem shall be OPERABLE.

-----NOTE-----
An RHR train may be considered OPERABLE during alignment and operation for decay heat removal, and during valve, if capable of being manually realigned to the ECCS mode of operation.

APPLICABILITY: MODE 4.

ACTIONS

-----NOTE-----
LCO 3.0.4.b is not applicable to the ECCS residual heat removal and ECCS recirculation subsystems.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. Required ECCS residual heat removal (RHR) subsystem inoperable.	A.1 Initiate action to restore required ECCS RHR subsystem to OPERABLE status.	Immediately
B. Required ECCS Recirculation subsystem inoperable.	B.1 Restore required ECCS recirculation subsystem to OPERABLE status.	1 hour
C. Required Action and associated Completion Time of Condition B not met.	C.1 Be in MODE 5.	24 hours

3.6 CONTAINMENT SYSTEMS

3.6.8 Hydrogen Recombiners

LCO 3.6.8 Two hydrogen recombiners shall be OPERABLE.

APPLICABILITY: MODES 1 and 2.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One hydrogen recombinder inoperable.	A.1 Restore hydrogen recombinder to OPERABLE status.	30 days
B. Required Action and associated Completion Time not met.	B.1 Be in MODE 3.	6 hours

3.7 PLANT SYSTEMS

3.7.4 Atmospheric Dump Valves (ADVs)

LCO 3.7.4 Three ADV lines shall be OPERABLE.

APPLICABILITY: MODES 1, 2, and 3,
MODE 4 when steam generator is relied upon
for heat removal.

ACTIONS

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One required ADV line inoperable.	A.1 Restore required ADV line to OPERABLE status.	7 days
B. Two or more required ADV lines inoperable.	B.1 Restore all but one ADV line to OPERABLE status.	24 hours
C. Required Action and associated Completion Time not met.	C.1 Be in MODE 3.	6 hours
	<u>AND</u> C.2 Be in MODE 4 without reliance upon steam generator for heat removal.	18 hours

3.7 PLANT SYSTEMS

3.7.5 Auxiliary Feedwater (AFW) System

LCO 3.7.5 Three AFW trains shall be OPERABLE.

-----NOTE-----
Only one AFW train, which includes a motor driven pump capable of supporting the credited steam generator(s), is required to be OPERABLE in MODE 4.

APPLICABILITY: MODES 1, 2, and 3,
MODE 4 when steam generator is relied upon for heat removal.

ACTIONS

-----NOTE-----
LCO 3.0.4.b is not applicable.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One steam supply to turbine driven AFW pump inoperable.	A.1 Restore steam supply to OPERABLE status.	7 days <u>AND</u> 10 days from discovery of failure to meet the LCO
B. One AFW train inoperable in MODE 1, 2 or 3 for reasons other than Condition A.	B.1 Restore AFW train to OPERABLE status.	72 hours <u>AND</u> 10 days from discovery of failure to meet the LCO

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.1 AC Sources - Operating

LCO 3.8.1 The following AC electrical sources shall be OPERABLE:

- a. Two qualified circuits between the offsite transmission network and the onsite Electrical Power Distribution System; and
- b. Three diesel generators (DGs) (31, 32 and 33) capable of supplying the onsite power distribution subsystem(s)

-----Note-----
The 138 kV circuit is considered inoperable whenever the automatic transfer function for the 6.9 kV buses is disabled.

APPLICABILITY: MODES 1, 2, 3, and 4.

ACTIONS

-----Note-----
The LCO 3.0.4.b is not applicable to DGs or the 138kV offsite circuit.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One offsite circuit inoperable.	A.1 Perform SR 3.8.1.1 for OPERABLE offsite circuit. <u>AND</u>	1 hour <u>AND</u> Once per 8 hours thereafter (continued)