

GEORGIA POWER COMPANY		DOCUMENT TYPE:		PAGE 1 OF 24	
PLANT E.I. HATCH		ENGINEERING SERVICE PROCEDURE			
DOCUMENT TITLE:			DOCUMENT NUMBER:	REVISION NO:	
SCRAM/TRANSIENT REPORTING			42EN-ENG-011-0S	0	
EXPIRATION DATE:	APPROVALS:	DATE	EFFECTIVE DATE:		
N/A	DEPT. MGR. <i>CE Jones</i>	8/9/85	8/23/85		
	GEN. MGR. <i>Harvey N. G.</i>	8/10/85			

1.0 OBJECTIVE

The objective of this procedure is to collect and document all pertinent information concerning a scram or significant transient and to analyze plant response at all levels to determine if corrective action is needed prior to returning the unit to service.

2.0 APPLICABILITY

This procedure applies to commitments associated with scram and significant transient data collection and subsequent reporting requirements.

3.0 REFERENCES

- 3.1 40AC-REG-02-0
- 3.2 30AC-OPS-003-0S
- 3.3 Instrument Setpoint Indexes -A-16397 and A-26497
- 3.4 Units 1 and 2 Technical Specifications - Limiting Safety System Settings and Instrument Setpoints.
- 3.5 Units 1 and 2 FSAR - Systems design basis and analysis for accidents and transients.

4.0 REQUIREMENTS

4.1 PERSONNEL REQUIREMENTS

N/A - Not applicable to this procedure.

4.2 MATERIAL AND EQUIPMENT

N/A - Not applicable to this procedure.

4.3 SPECIAL REQUIREMENTS

A report shall be completed as soon as possible whenever control rods are scrammed in with more than one rod withdrawn and fuel in the vessel. (Does not include scram time testing.)

5.0 PRECAUTIONS AND LIMITATIONS

5.1 PRECAUTIONS

N/A - Not applicable to this procedure.

8510010114 850923
PDR ADOCK 05000321
P PDR

5.2 LIMITATIONS

N/A - Not applicable to this procedure.

6.0 PREREQUISITES

N/A - Not applicable to this procedure.

7.0 PROCEDURE

7.1 DATA COLLECTION

- 7.1.1 During any significant transient, control room personnel, normally the Shift Technical Advisor, should complete to the extent possible, the Scram/Transient Checklist shown as Attachment 1. The checklist is used to collect important system information to be used in the subsequent analysis. Any abnormality should be recorded. Its significance can be determined during the analysis. Initial conditions should be recorded on a Conditions Prior to Event Form, similar to Attachment 3.
- 7.1.2 Attachments 4 through 9 contain items to be checked which confirm both logic system operations and integrated system response to a transient. In the first section of the analysis package, the reviewer will initially determine the range of values for each parameter during the transient and then confirm that all intended actions did indeed occur. Any problems discovered should be recorded on a Deficiency Report. The Operations Supervisor On Shift should be immediately notified of any safety related action that did not occur when the appropriate setpoint was reached. For items that cannot be verified, indicate so on the data sheet.
- 7.1.3 The second part of the analysis involves comparing the system response to predicted or historical response. Where available, the parameters indicating the system response sections should be reviewed to determine if plant response was significantly different from the expected. Any abnormalities will be recorded on a Deficiency Report.
- 7.1.4 Any abnormalities discovered that might be a generic industry problem should be considered for posting on the NUCLEAR NETWORK system.

7.2 ANALYSIS

- 7.2.1 Once a transient has been brought under control, an analysis needs to be completed to determine if all systems performed as intended.
- 7.2.2 To perform an effective analysis, as much information as possible should be collected concerning plant response and system operation. This should include the Scram/Transient Checklist, Process Computer Print-Outs, items brought forward in a Personnel Observations Section, similar to that shown as Attachment 7, and the Control Room recorded traces. If deemed necessary by Management, a Post Event Debriefing should be held as soon as involved persons can be relieved from duty in the Control Room.

7.2.3 In this meeting, the event will be discussed to ensure that the collected information is correct, and to see if any abnormalities are readily discernable. A decision should be made at the end of the debriefing to either recommend a re-start of the unit or initiate specific investigation or corrective actions that are to be completed prior to re-start. For significant matters it may be necessary to initiate LCOs or take clearances on equipment to ensure compliance. The minutes of the debriefing meeting should be recorded on a Debriefing Report, similar to that shown as Attachment 8.

7.2.4 In addition to the debriefing review, an in-depth analysis of plant response will be conducted per Attachments 1 and 3 through 8. The STA group has primary responsibility for performing the analysis; however, any department may be requested to perform specific reviews or initiate investigation into system response or operation. For any item that cannot be effectively analyzed by on-site personnel, offsite support is to be requested.

7.3 CORRECTIVE ACTION

7.3.1 If any abnormalities are discovered during the debriefing or analysis, a Deficiency Report is to be used to document the findings and track any corrective action. To ensure that all required actions are completed prior to startup, an LCO or equipment clearance should be initiated.

7.3.2 The Manager of Operations, or his alternate, is responsible for reviewing the event and subsequent analysis and for making a recommendation to Management on the capability of resuming safe power operation.

7.4 REPORTING

The STA group will complete a Narrative Event Report which includes a detailed sequence of events, findings of the post-event analysis, and corrective actions that were initiated and/or completed.

7.5 DOCUMENTATION

Attachments 1 and 3 through 8, the pertinent process computer edits, and the final narrative report will be filed in Document Control. The event shall be logged and assigned a sequential number, preceded by the unit number and last two digits of the year. The Shift Supervisor shall keep a log using the form similar to that shown as Attachment 2.

FOR REFERENCE ONLY

Scram/Transient No. _____ Date: _____ Time: _____

Event leading up to scram/transient: _____

RPS Sensor Causing Scram _____

SCRAM Discharge Volume Hi Level Trip _____

SCRAM Bus Lights Extinguished _____

SCRAM Discharge Volume Vent and Drain Valves Close _____

All Rods Verified Full In _____

Isolations

_____ GP I Cause _____ Reset Time _____

_____ GP II Cause _____ Reset Time _____

_____ GP III Cause _____ Reset Time _____

_____ GP IV Cause _____ Reset Time _____

_____ GP V Cause _____ Reset Time _____

Recirc Pump Trip A _____ B _____ No _____

Cause _____

Time _____ Time Restarted A _____ B _____

9400 Needed _____ Completed _____

Turbine Trip Auto _____ Manual _____ Cause _____

ADS Initiation _____ All Valves Open _____

HPCI Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

RCIC Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

CS A Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

B Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

TITLE: SCRAM/TRANSIENT CHECKLIST

2 OF 3

LPCI A Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

LPCI B Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

LPCI C Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

LPCI D Start Auto _____ Manual _____ Inject _____ Trip _____ Cause _____

SECs That Auto Started: _____

Feedpump A Trip _____ Cause _____ Restarted _____

B Trip _____ Cause _____ Restarted _____

Level Control _____
(narrative) _____

Level Highest _____ in. Source _____

Lowest _____ in. Source _____

Pressure Control _____
(narrative) _____

Pressure Highest _____ psig Lowest _____ psig

SRVs that lifted: Auto _____

Manual _____

AC Electrical Busses Energized: 4160V A _____ B _____ C _____ D _____ E _____ F _____ G _____

600V A _____ B _____ C _____ D _____ AA _____ BB _____

DG A Start Auto _____ Manual _____ Tied _____ Trip _____ Cause _____

DG B Start Auto _____ Manual _____ Tied _____ Trip _____ Cause _____

DG C Start Auto _____ Manual _____ Tied _____ Trip _____ Cause _____

All DC Electrical Busses Energized: _____

SBGT A Start Auto _____ Manual _____ SBGT B Start Auto _____ Manual _____

Abnormal alarms: Rad. Mon., Electrical, etc.

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ATTACHMENT 1

ATTACHMENT PAGE:

TITLE: SCRAM/TRANSIENT CHECKLIST

3 OF 3

Notifications made: NRC Time _____ Method _____

Load dispatcher _____

Management _____

Other _____

Deficiency Report written by OPS (Y/N - N/A) _____

Misc. Notes, LCOs initiated, equipment, problems, etc.

Completed By: _____ / _____
Date

Reviewed By: _____ / _____
Date

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FOR REFERENCE ONLY

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ATTACHMENT 3

ATTACHMENT PAGE:

TITLE: CONDITIONS PRIOR TO EVENT

1 OF 1

Shift Personnel

Operations Supervisor

Shift Supervisor

Shift Technical Advisor

Plant Operator

Assistant Operator 1

Assistant Operator 2

Plant Equipment Operator 1

Plant Equipment Operator 2

Plant Equipment Operator 3

Initial Conditions

Mode Switch Position

Power Level

Thermal _____ Elect _____

Rx. Pressure

_____ psig

Rx. Water Level

_____ in

Core Flow

_____ mlb/hr

Steam Flow

_____ mlb/hr

FW Flow

_____ mlb/hr

Procedures in Progress

Narrative _____

Completed By: _____ / _____
Date

ENG-0084 Rev. 0

42EN-ENG-011-OS

MGR-0009 Rev. 1

FOR REFERENCE ONLY

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ATTACHMENT 4		ATTACHMENT PAGE:	
TITLE: LOGIC CHECK SHEETS		1 OF 4	

DRYWELL PRESSURE

For each setpoint, insure that all required actions occurred and indicate maximum and minimum values with a bar graph.

Bar Graph	Setpoint (psi)	Action	Confirmation (Y/N or NA)
	1.8 (U1)	Reactor Scram	
	1.63 (U2)	Group II Isolation	
		HPCI Initiation	
		RHR Pump Starts	A B
			C D
		CSS Pump Starts	A B
		Stdby. D/G Starts	A B C
		Control Room Vent to Mode II	
		CRD Pump Trips	
		Drywell Chillers Trip	7A 7B
			8A 8B
			9A 9B
		SBG T Starts	
		ADS Perm Alarm	
		Alarm	
	1.5 (U1) .65 (U2)		

REACTOR WATER LEVEL

For each setpoint, ensure that all required actions occurred and indicate maximum and minimum values with a bar graph.

Bar Graph	Setpoint (inches above instr. zero)	Action	Confirmation (Y/N or NA)
	+ 54.5"	Main turbine trip	
		RFP Turbine Trip	
	+ 51.7"	HPCI Turbine Trip	
		RCIC Turbine Trip	
	+ 42. "	High Level Alarm	
	+ 32. "	Low Level Alarm	
		Runback (if any FWP < or = 20%)	
	+ 9.9"	Reactor Scram	
		Group II Isolation	
		Group V Isolation	
		SBG T Initiation	
	- 30. "	Group I Isolation (U1)	
	- 50.3"	RCIC Auto Initiation	
		HPCI Auto Initiation	
		Recirc Pump Trip	A B
		Control Room Vent. to Mode II	
	-116. "	RHR Pumps Start	A B
			C D
		CSS Pumps Start	A B
		Stdby. D/G Start	A B C
		PSW to Turb Bldg Isolates Div I Div II	
		Control Room Vent to Mode II	
		Group I Isolation (U2)	

CORE AVERAGE FLUX

For the following values of power, on the appropriate neutron instrumentation, confirm the below listed automatic actions occurred. Indicate highest level reached with a bar graph.

Bar Graph	Setpoint (APRM)	Action	Confirmation (Y/N or NA)
	117. %	Reactor Scram	
	115. % (U1)	(fixed)	
	113.5 % (U2)	Reactor Scram (Flow Biased, Clamped)	
	.58W + 59%	Reactor Scram (Flow Biased)	
	.13%	Reactor Scram (When Not In Run)	
	3%	Reactor Scram (with Comp. IRM Hi or INOP in Run Mode)	
	Setpoint (IRM)	Action	Confirmation (Y/N or NA)
	115/125 of Scale	Reactor Scram (When Not in Run)	
	Setpoint (SRM)	Action	Confirmation (Y/N or NA)
	3×10^5 cps	Reactor Scram (When Shorting Links Removed)	

REACTOR PRESSURE (Unit 1 Only)

For each setpoint confirm that all actions occurred and indicate maximum and minimum values with a bar graph.

Bar Graph	Setpoint (psig)	Action	Confirmation (Y/N or NA)
	1085	ATWS Recirc Pump Trip	A _____ B _____
	1100 +/- 11	3 SRVs Lift	B _____ C _____
	1090 +/- 10.9	4 SRVs Lift	J _____
	1080 +/- 10.8	4 SRVs Lift	D _____ F _____
	1034.75	Rx Scram	H _____ K _____
	1042	High Pressure Alarm	A _____ E _____
	863	Group I When in Run	G _____ L _____

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Bar Graph	Setpoint (psig)	Action	Confirmation (Y/N of NA)
	449	Permissive for Opening CS & RHR Injection Valves	_____
	360	Recirc Discharge Valve Close	A_____ B_____
	138	SDC Isolation	_____
	106	HPCI Isolation	_____
	77.5	RCIC Isolation	_____

REACTOR PRESSURE (Unit 2 Only)

For each setpoint confirm that all actions occurred and indicate maximum and minimum values with a bar graph.

Bar Graph	Setpoint (psig)	Action	Confirmation (Y/N of NA)
	1085	ATWS Recirc Pump Trip	A_____ B_____
	1100 +/- 11.1	3 SRVs Lift	H_____ E_____
	1100 +/- 11.0	4 SRVs Lift	L_____
	1090 +/- 10.9	4 SRVs Lift	D_____ M_____
	1044	Activate Low-Low Set Logic if any SRV is Opened (See Below)	A_____ K_____
	1045	Rx. Scram	B_____ C_____
	1025	High Pressure Alarm	G_____ F_____
	855	Group I When in Run	_____
	449	Permissive for Opening CS & RHR Injection Valves	_____
	360	Recirc Discharge Valve Close	A_____ B_____
	138	SDC Isolation	_____
	115	HPCI Isolation	_____
	70	RCIC Isolation	_____

If Low-Low Set is activated, the following SRVs should open and close at the specified values of Reactor Pressure.

(U1)	(U1)	(U2)	(U2)
1033	Open C	997	Open B
887	Close C	851	Close B
1023	Open G	1036	Open D
877	Close G	890	Close D
1008	Open A	1027	Open F
862	Close A	881	Close F
983	Open H	1012	Open G
847	Close H	866	Close G

LLS LOGIC RESET

FOR REFERENCE ONLY

TITLE: LOGIC CHECK SHEETS

4 OF 4

REACTOR PROTECTION SYSTEM (RPS)

Action

Confirmation (Y/N or N/A)

1. All rods go in
2. Scram discharge volume trip
3. Manual scram
4. Mode switch to shutdown scram

RECIRCULATION SYSTEM

Runback to No. 2 Limiter

Runback to No. 1 Limiter

Pump Trip if Turbine Trip 30% Power

A B

TURBINE

Confirmation (Y/N or N/A)

Turbine tripped

Manual

Auto

Cause

TSV Scram
(if > 30% power)Annunciated
Computer

Lift Pumps Auto Start

Standby EHC Auto Start

Turning Gear Auto Start

Motor Suction Pump Auto Start

Turning Gear Oil Pump Auto Start

Emergency Bearing Oil Pump Auto Start
(if turning gear oil pump didn't)Bypass Valves Controlled Pressure at _____ psig
Setpoint at _____ psigCompleted by: _____ / _____
Date

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ATTACHMENT 5	ATTACHMENT PAGE:	
TITLE: CONDENSER VACUUM CHECK SHEET	1 OF 1	

For the following values of condenser vacuum, confirm that the listed automatic actions occurred. Indicate minimum values of vacuum during the event with a bar graph.

Bar Graph	Setpoint (Hg)	Action	Confirmation (Y/N or N/A)
	10	* Group 1 Isolation	_____
		Bypass Valve Closure	_____
	22.3 (U2) 20 (U1)	Reactor Feed Pump Trip	_____
	22.3 (U2) 22.23 (U1)	Main Turbine Trip	_____
	24.73	Low Level Alarm	_____
	27 to 29	Normal Vacuum	_____

* - Confirm closure of: all MSIVs (1/2B21F022 and 28(A-D); Main steamline drain isolation valves (1/2B21F016, F019); Reactor water sample isolation valves (1/2B31F019, and F020); Torus water cleanup and makeup isolation valves (1/2G51-AOV-F013 & F021, 1/2G51-AOV-F011 & F012)

Completed by: _____ / _____
Date

TITLE: PLANT RESPONSES

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CONTAINMENT PARAMETERS

Maximum Drywell Pressure

Maximum Torus Pressure

Drywell Temperatures for Unit 1

T1: 1T47-R611 Pt. 8

T2: 1T47-R612 Pt. 8

T3: 1T47-R611 Pt. 10

T4: 1T47-R612 Pt. 10

T5: 1T47-R612 Pt. 9

T6: 1T47-R611 Pt. 13

T7: 1T47-R611 Pt. 9

T8: 1T47-R612 Pt. 12

Average Volumetric D/W Temperature

$$\frac{T1 + T2 + T3 + T4}{4} (0.63) + \frac{T5 + T6}{2} (0.22) + \frac{T7 + T8}{2} (0.15) =$$

Drywell Temperatures for Unit 2

T1: 2T47-R626 Pt. 10

T2: 2T47-R626 Pt. 12

T3: 2T47-R627 Pt. 11

T4: 2T47-R626 Pt. 8

T5: 2T47-R626 Pt. 9

T6: 2T47-R626 Pt. 13

T7: 2T47-R620

T8: 2T47-R621

T9: 2T47-R626 Pt. 9

T10: 2T47-R627 Pt. 12

TITLE: PLANT RESPONSES

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Average Volumetric D/W Temperature

$$\frac{(T1 + T2 + T3 + T4)(.825)}{4} + \frac{T5 + T6}{2} (.025) +$$

$$\frac{(T7 + T8 + T9 + T10)(.15)}{4} = \underline{\hspace{2cm}}$$

Maximum Torus Water Temperature _____

Causes for Significant Increases in any of above: _____

Drywell Leak Rate

Equipment Drain _____ gpm

Floor Drain _____ gpm

Any system behavior indicative of unusual leakage into drywell?

Hydrogen Level

Before	%	After	%
1	100	1	100
2	100	2	100
3	100	3	100
4	100	4	100
5	100	5	100
6	100	6	100
7	100	7	100
8	100	8	100
9	100	9	100
10	100	10	100
11	100	11	100
12	100	12	100
13	100	13	100
14	100	14	100
15	100	15	100
16	100	16	100
17	100	17	100
18	100	18	100
19	100	19	100
20	100	20	100
21	100	21	100
22	100	22	100
23	100	23	100
24	100	24	100
25	100	25	100
26	100	26	100
27	100	27	100
28	100	28	100
29	100	29	100
30	100	30	100
31	100	31	100
32	100	32	100
33	100	33	100
34	100	34	100
35	100	35	100
36	100	36	100
37	100	37	100
38	100	38	100
39	100	39	100
40	100	40	100
41	100	41	100
42	100	42	100
43	100	43	100
44	100	44	100
45	100	45	100
46	100	46	100
47	100	47	100
48	100	48	100
49	100	49	100
50	100	50	100
51	100	51	100
52	100	52	100
53	100	53	100
54	100	54	100
55	100	55	100
56	100	56	100
57	100	57	100
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62	100	62	100
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66	100	66	100
67	100	67	100
68	100	68	100
69	100	69	100
70	100	70	100
71	100	71	100
72	100	72	100
73	100	73	100
74	100	74	100
75	100	75	100
76	100	76	100
77	100	77	100
78	100	78	100
79	100	79	100
80	100	80	100
81	100	81	100
82	100	82	100
83	100	83	100
84	100	84	100
85	100	85	100
86	100	86	100
87	100	87	100
88	100	88	100
89	100	89	100
90	100	90	100
91	100	91	100
92	100	92	100
93	100	93	100
94	100	94	100
95	100	95	100
96	100	96	100
97	100	97	100
98	100	98	100
99	100	99	100
1			

Oxygen Level

Before	%	After	%
1	100	1	100
2	100	2	100
3	100	3	100
4	100	4	100
5	100	5	100
6	100	6	100
7	100	7	100
8	100	8	100
9	100	9	100
10	100	10	100
11	100	11	100
12	100	12	100
13	100	13	100
14	100	14	100
15	100	15	100
16	100	16	100
17	100	17	100
18	100	18	100
19	100	19	100
20	100	20	100
21	100	21	100
22	100	22	100
23	100	23	100
24	100	24	100
25	100	25	100
26	100	26	100
27	100	27	100
28	100	28	100
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36	100	36	100
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42	100	42	100
43	100	43	100
44	100	44	100
45	100	45	100
46	100	46	100
47	100	47	100
48	100	48	100
49	100	49	100
50	100	50	100
51	100	51	100
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71	100	71	100
72	100	72	100
73	100	73	100
74	100	74	100
75	100	75	100
76	100	76	100
77	100	77	100
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82	100	82	100
83	100	83	100
84	100	84	100
85	100	85	100
86	100	86	100
87	100	87	100
88	100	88	100
89	100	89	100
90	100	90	100
91	100	91	100
92	100	92	100
93	100	93	100
94	100	94	100
95	100	95	100
96	100	96	100
97	100	97	100
98	100	98	100
99	100	99	100
1			

Explanation for any change:

Torus Level

Max _____ in. Min _____ in.

Explanation for any change:

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REACTOR WATER LEVEL

Answer the following questions concerning the plant water level response.

1. Was initial transient in the expected direction? (If no, explain)

2. Did the magnitude of the change deviate significantly from expected values? (If yes, explain)

3. Did level recovery systems (HPCI, RCIC Feedpumps, etc.) function to regain and control reactor water level in a manner consistent with system design characteristics? (If no, explain)

REACTOR PRESSURE RESPONSE

Answer the following questions concerning plant pressure response.

1. Did peak pressure deviate significantly from expected values? (If yes, explain)

2. Did overpressure period extend significantly past what is normally expected? (If yes, explain below)

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3. Did bypass valves (If MSIVs open) control pressure at EHC pressure setpoint? (If No or N/A, explain below)

4. Did safety relief valves (if MSIVs closed) lift to control pressure at the appropriate setpoints? (Yes/No) (N/A) (If No or N/A, explain below)

STEAM FLOW

Answer the following questions concerning steam flow.

1. Did steam flow react as expected for the transient.

2. Did steam flow react as expected for a scram? (If no, explain below)

3. Did steam flow react as expected for a turbine trip? (If no, explain below)

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4. Did steam flow react as expected for a Group I isolation?
(If No, explain below)

5. Did steam flow react as expected for an SRV actuation?
(If No, explain below)

6. Did steam flow react as expected for HPCI/RCIC operation?
(If No, explain below)

7. Did steam flow react as expected for bypass valve actuation?
(If no, explain below)

RADIATION VALUES

Answer the following questions concerning plant radiation monitors.

1. Did MSL rad monitors drop to expected values?
(If No, explain below)

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TITLE: PLANT RESPONSES		6 OF 7

2. Did ARMs drop or remain at expected values?

3. Did containment radiation monitor readings remain at expected values?
(If No, explain below)

4. Did the FPM readings drop to expected values?
(If No, explain below)

5. Did stack readings remain at expected values?
(If no, explain below)

6. Did RBCCW radiation values remain at expected values?
(If No, explain below)

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7. Did PWS radiation values remain at expected values?
(If No, explain below)

8. Did reactor building vent radiation values remain at expected values?
(If No, explain below)

ELECTRICAL

Did any AC bus not transfer as intended? _____

If Not, give specifics and actions taken _____

Was power lost to any DC bus? _____

If so, give specifics and actions taken _____

Completed by: _____ / _____
Date

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ATTACHMENT 7

ATTACHMENT PAGE:

TITLE: PERSONNEL OBSERVATION REPORT

1 OF 1

Did any system not operate as you expected?

Did any procedure prove inadequate to operate a system or to ensure effective corrective action?

Were there any difficulties in diagnosing a condition due to poor system layout or inaccurate indication or annunciation?

Were any deficiencies noted that could be improved by changes in Training Program?
(List AIT No.)

Completed By: _____/_____

Date

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MGR-0009 Rev. 1

FOR REFERENCE ONLY

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ATTACHMENT 8

ATTACHMENT PAGE:

TITLE: POST EVENT DEBRIEFING MINUTES

1 OF 2

Event

Date _____

Time

Location

Persons Present

Title

Items Brought Forward:

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ATTACHMENT 8

ATTACHMENT PAGE:

TITLE: POST EVENT DEBRIEFING MINUTES

2 OF 2

Corrective Actions Proposed:

Prerequisites for Startup:

Recorded By: _____ / _____ Date

Approved By: _____ / _____ Date

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ATTACHMENT 9

ATTACHMENT PAGE:

TITLE: ABNORMALITIES DISCOVERED IN ANALYSIS

1 OF 1

Function or Operation in Question

Instrumentation in Question/Setpoint

/Value

/Last Cal./or FT

Completed By:

Corrective Action Requirements

Need Investigation

Need Resolution Prior to Startup/LCO

No.

Completed By:

Tracking Mechanism (DCR, MR, MWO, Deficiency Report No., etc)

Resolution:

Completed By:

Date

Reviewed By:

Date

Approved By:

Date

