

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119
REVISION 0

1. TITLE: POST TRIP REVIEW
2. PREPARED BY: Bob Storke 19
3. SUBCOMMITTEE REVIEW BY: Dan West for FPL NED 19
4. REVIEWED BY FACILITY REVIEW GROUP 7/25 1983
5. APPROVED BY *J H Bawer* PLANT MANAGER 8/11 1983
6. REVIEWED BY F R G 19
7. APPROVED BY PLANT MANAGER 19

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119
REVISION 0

1.0 Title:

Post Trip Review

2.0 Review and Approval:

Reviewed by Facility Review Group _____ 7/25 1983

Approved by J. H. Barrow for Plant Manager _____ 8/11 1983

Revision _____ Reviewed by F R G _____ 19__

Approved by _____ Plant Manager _____ 19__

3.0 Purpose:

This procedure will identify any abnormal circumstances associated with a plant trip by evaluating plant conditions immediately prior to and immediately after the trip.

4.0 Limits and Precautions:

4.1 If the cause of the plant trip cannot be determined by the Nuclear Plant Supervisor the unit will not be returned to power until the events associated with the trip are evaluated by the Facility Review Group.

5.0 Related System Status:

N/A

6.0 References:

N/A

7.0 Records Required:

A signed copy of this procedure with the applicable strip charts and printouts attached shall be retained in the plant files.

ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119, REVISION 0
POST TRIP REVIEW

8.0 Instructions:

- 8.1 This procedure will be performed following any unplanned reactor trip after plant conditions have been stabilized. The procedure need not be performed following a planned shutdown.
- 8.2 Input from all plant personnel is vital to the correct identification of the cause of the plant trip and of any related malfunctions.
- 8.3 All data pertinent to the plant trip should be collected and kept with this procedure. If recorder charts are used in this evaluation, a clear copy should be made, and the chart returned to its recorder.
- 8.4 All blanks on the "POST-TRIP REVIEW CHECK SHEET" should be filled in, use N/A where not applicable.

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OPERATING PROCEDURE NUMBER 0030119, REVISION 0
POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
(Page 1 of 3)

(1) UNIT NO. _____ REACTOR S/D NO. _____ DATE ____ / ____ / ____ TIME _____

(2) Reactor trip actuated by: MANUAL AUTO (RPS)

A. Reason for Manual Trip: _____

B. RPS trip unit initiating Reactor Trip? _____

1. If hi pressurizer pressure trip, did PORV reclose? _____

(3) All TCBs open? YES NO All CEA Rod bottom lights? YES NO

A. Actuation Time: Time Last TCB Open (SOE) _____
Time of Trip Signal (SOE) _____
Difference: _____

(4) Safety Features Actuation Required (Check)

SIAS _____ MSIS _____
CIAS _____ AFAS _____
CSAS _____

A. If any system was required, did it function properly? YES NO

(5) First out annunciator RTGB 102/202: _____

(6) Plant Electrical Alignment (Check)

| | <u>BEFORE TRIP</u> | <u>AFTER TRIP</u> |
|-----------------------|--------------------|-------------------|
| Auxiliary Transformer | _____ | _____ |
| Startup Transformer | _____ | _____ |
| Diesel Generator | _____ | _____ |

(7) Pressurizer pressure and level control normal? YES NO

ST. LUCIE PLANT
 OPERATING PROCEDURE NUMBER 0030119, REVISION 0
 POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
 (Page 2 of 3)

(8) Steam Generator Feed: (Check)

| | BEFORE TRIP | | AFTER TRIP | |
|----------------|-------------|---|------------|---|
| | A | B | A | B |
| MAIN FEED | | | | |
| AUXILIARY FEED | | | | |

(9) Did secondary systems function properly?

SBCS YES NO
 Feed Reg System YES NO
 Generator Lockout YES NO

(10) Plant Conditions immediately prior to trip: _____

(11) Reason for Reactor Trip: _____

(12) Any unusual conditions during Rx trip or trip recovery: _____

(13) Any unusual or unexplained annunciators during trip or trip recovery: _____

(14) NRC notified within one (1) hour? YES NO

ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119, REVISION 0
POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
(Page 3 of 3)

(15) Emergency Plan implemented? YES NO
(if YES, give classification and explain) _____

(16) Will maintenance be required prior to returning to power? YES NO
(If YES, explain) _____

(17) Attach DDPS, SOE printouts, and any other printout or chart used to determine cause of reactor trip or to show any abnormal condition during trip.

(18) Additional Remarks:
(if NO was answered in Step 2(b), 3, 4(A), 7 & 9, explain)

(19) The cause of reactor trip has been identified, no abnormal conditions exist. The plant can safely be returned to power.

Nuclear Plant Supervisor

S.T.A.



10/10/10

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER-0030119
REVISION 0

1.0 Title:

Post Trip Review

2.0 Review and Approval:

Reviewed by Facility Review Group 7/25 1983
Approved by J. H. Banner for Plant Manager 5/11 1983
Revision Reviewed by F R G 19
Approved by Plant Manager 19

3.0 Purpose:

This procedure will identify any abnormal circumstances associated with a plant trip by evaluating plant conditions immediately prior to and immediately after the trip.

4.0 Limits and Precautions:

4.1 If the cause of the plant trip cannot be determined by the Nuclear Plant Supervisor the unit will not be returned to power until the events associated with the trip are evaluated by the Facility Review Group.

5.0 Related System Status:

N/A

6.0 References:

N/A

7.0 Records Required:

A signed copy of this procedure with the applicable strip charts and printouts attached shall be retained in the plant files.

Done
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ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119, REVISION 1
POST TRIP REVIEW

8.0 Instructions:

- 8.1 This procedure will be performed following any unplanned reactor trip after plant conditions have been stabilized. The procedure need not be performed following a planned shutdown.
- 8.2 Input from all plant personnel is vital to the correct identification of the cause of the plant trip and of any related malfunctions.
- 8.3 All data pertinent to the plant trip should be collected and kept with this procedure. If recorder charts are used in this evaluation, a clear copy should be made, and the chart returned to its recorder.
- 8.4 All blanks on the "POST-TRIP REVIEW CHECK SHEET" should be filled in, use N/A where not applicable.

ST. LOUIS PLANT
OPERATING PROCEDURE NUMBER 1030110, REVISION
POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
(Page 1 of 3)

(1) UNIT NO. _____ REACTOR S/D NO. _____ DATE ____ / ____ / ____ TIME _____

(2) Reactor trip actuated by: MANUAL AUTO (RPS)

A. Reason for Manual Trip: _____

B. RPS trip unit initiating Reactor Trip? _____

1. If hi pressurizer pressure trip, did PORV reclose? _____

(3) All TCBs open? YES NO All CEA Rod bottom lights? YES NO

A. Actuation Time: Time Last TCB Open (SOE) _____
Time of Trip Signal (SOE) _____
Difference _____

(4) Safety Features Actuation Required (Check)

SIAS _____ MSIS _____
CIAS _____ AFAS _____
CSAS _____

A. If any system was required, did it function properly? YES NO

(5) First out annunciator RTGB 102/202: _____

(6) Plant Electrical Alignment (Check)

| | <u>BEFORE TRIP</u> | <u>AFTER TRIP</u> |
|-----------------------|--------------------|-------------------|
| Auxiliary Transformer | _____ | _____ |
| Startup Transformer | _____ | _____ |
| Diesel Generator | _____ | _____ |

(7) Pressurizer pressure and level control normal? YES NO

ST. LOUIS PLANT
OPERATING PROCEDURE NUMBER 0030119, REVISED IN
POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
(Page 2 of 3)

(8) Steam Generator Feed: (Check)

| | BEFORE TRIP | | AFTER TRIP | |
|----------------|-------------|---|------------|---|
| | A | B | A | B |
| MAIN FEED | | | | |
| AUXILIARY FEED | | | | |

(9) Did secondary systems function properly?

| | | | | |
|-------------------|--------------------------|-----|--------------------------|----|
| SBCS | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |
| Feed Reg System | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |
| Generator Lockout | <input type="checkbox"/> | YES | <input type="checkbox"/> | NO |

(10) Plant Conditions immediately prior to trip: _____

(11) Reason for Reactor Trip: _____

(12) Any unusual conditions during Rx trip or trip recovery: _____

(13) Any unusual or unexplained annunciators during trip or trip recovery:

(14) NRC notified within one (1) hour? YES NO

ST. LUCIE PLANT
OPERATING PROCEDURE NUMBER 0030119, REVISION
POST TRIP REVIEW

POST TRIP REVIEW CHECK SHEET
(Page 3 of 3)

- (15) Emergency Plan implemented? YES NO
(if YES, give classification and explain) _____

- (16) Will maintenance be required prior to returning to power? YES NO
(If YES, explain) _____

- (17) Attach DDPS, SOE printouts, and any other printout or chart used to determine cause of reactor trip or to show any abnormal condition during trip.
- (18) Additional Remarks:
(if NO was answered in Step 2(b), 3, 4(A), 7 & 9, explain)

- (19) The cause of reactor trip has been identified, no abnormal conditions exist. The plant can safely be returned to power.

Nuclear Plant Supervisor

S.T.A.

APPENDIX A TO QI 2-PR/PSL-1

- 1.0 The descriptions listed below provide a scope of those activities which have been determined as requiring one or more aspects of the PSL Quality Program.
 - A. Those items described in the FSAR as being safety related, or seismically or post loca qualified. This includes clarifying documents such as Instrument Lists, Piping & Valve Line Lists, P&ID's, Drawings and original equipment specifications.
 - B. PC/M items identified as being safety related, seismically or post loca qualified.
 - C. 10CFR-71, Radwaste Shipping.
 - D. 10CFR-20, Radiation Protection.
 - E. Activities specified in the PSL Technical Specifications.
 - F. Activities under the jurisdiction of the ASME Boiler & Pressure Vessel, the IEEE and associated codes when referenced in items A & E above.
 - G. Calibration of Measuring and Testing Equipment used for activities within the scope of the quality program.
 - H. Contractor activities on items within the scope of the quality program.
 - I. Replacement activities or items within the scope of this document.
 - J. Fire Protection activities outlined in the PSL Fire Protection Program.
 - K. Security activities outlined in the PSL Security Plan.
 - L. Environmental activities specified in PSL Environmental Permits.
 - M. Plant Start-up activities.
 - N. Certain consumable items for Plant Maintenance that are listed by Quality Control as being included in the program.
- 2.0 The scope of the program delineated in this instruction or associated procedures may be changed by utilizing revision and approval methods included in QI 5-PR/PSL-1.
- 3.0 The approval authority for revising specific technical, FSAR and PC/M items impacting the quality program is vested with Power Plant Engineering (EPP).