MAINTENANCE PROCEDURE A-11
ENCLOSURE 1
PROCEDURE APPROVAL COVER SHEET

PROCEDURE NUMBER: M3Q-3 REVISION NUMBER: 1

TITLE: REACTOR TRIP, REACTOR TRIP BYPASS AND ROD DRIVE MOTOR GENERATOR OUTPUT AIR-CIRCUIT BREAKER AND SWITCHGEAR CABINET REFUELING OUTAGE MAINTENANCE

REMARKS: THIS PROCEDURE IS SAFETY RELATED.
ALL DOCUMENTATION SHALL BE MAINTAINED IN ACCORDANCE WITH ADMINISTRATIVE PROCEDURE (AP) 11 RECORD RETENTION PROGRAM.

THIS PROCEDURE HAS BEEN REVIEWED AND DETERMINED TO BE IN COMPLIANCE WITH TECHNICAL SPECIFICATION REQUIREMENTS.

SUMMARY OF REVISION: 1) INCORPORATED OTSC # 1 AND 2

2) DEVELOPED AND INCORPORATED DIRECTIONS FOR VERIFYING PROPER OPERATION OF THE BREAKER POSITIONING SWITCHES.

APPROVAL:

SUBMITTED/DATE:	[signature]	14-4-84
ENGINEERING/DATE:	N/A	/
MGR. QAD/DATE:	N/A	/
NDE LEVEL III/DATE:	N/A	/
A.I./DATE:	N/A	/
SQAE/DATE:	[signature]	4/12/84
MAINT. MGR./DATE:	[signature]	4/18/84
SORC NUMBER/DATE:	[signature] 84-046	4-18-84
GEN. MGR. SALEM OPS./DATE:	[signature]	4/19/84

1.0 TITLE

REACTOR TRIP, REACTOR TRIP BYPASS AND ROD DRIVE MOTOR GENERATOR OUTPUT AIR-CIRCUIT BREAKER AND SWITCHGEAR CABINET REFUELING OUTAGE MAINTENANCE

2.0 PURPOSE

The purpose of this procedure is to provide guidance for personnel conducting periodic inspections and maintenance on the breaker and breaker switchgear cabinets.

3.0 APPLICABILITY/SCOPE

3.1 Applicability

This procedure is applicable to Westinghouse Low Voltage Metal Enclosed Switchgear (Model DB-50) and its associated cabinets used in the Salem Units #1 and #2 Reactor Trip, Reactor Trip Bypass and Motor Generator Output applications. This procedure is safety related; however, the procedure can be used on the motor generator output breakers which are classified as non-safety related.

3.2 Scope

The contents of this procedure cover the inspection, cleaning and testing of the breaker cabinets including the auxiliary control panel and main bus work associated with the breaker.

4.0 REFERENCES

4.1 Public Service Blueprint (PSBP) - 301107, Issue 1; Westinghouse Low Voltage Metal Enclosed Switchgear For Westinghouse Nuclear Energy Systems.

4.2 Nuclear Field Directive (NFD) - S-C-R100-NFD-081, Rev. 7; Reactor Trip and Bypass Breaker Maintenance and Verification Testing Field Directive.

4.3 Reactor Trip and Reactor Trip Bypass Wiring Diagrams Public Service Blueprints - 203646, Rev. 7; 203688, Rev. 8.

5.0 ENCLOSURES

5.1 Enclosure 1 - Circuit Breaker Positions

5.2 Enclosure 2 - "AS FOUND/AS LEFT" Breaker Positions

5.3 Enclosure 3 - Cubicle Cleaning/Inspection Checklist

5.4 Enclosure 4 - Verification of Breaker Position Switch Operation

6.0 RESPONSIBILITIES

6.1 The maintenance supervisor in charge of performing this procedure shall be responsible for requesting and coordinating the assistance of other departments as may be required by this procedure.

7.0 PRECAUTIONS AND LIMITATIONS

7.1 When working around electrical equipment, safety precautions and work habits specified in the Electric Production Department Safety Manual shall be observed by all personnel involved in the accomplishment of those procedures.

7.2 In addition to the electrical precautions stipulated in the Electric Production Department Safety Manual, care must be taken to stand clear of the various mechanical mechanisms associated with these breakers.

7.3 Before any maintenance work is performed, make certain that all control circuits are open and that the breakers have been racked clear of the bus.

8.0 PREREQUISITES

8.1 Tag out the switchgear as applicable to the area which is to be worked.

NOTE:

STEPS 8.2 AND 8.3 NEED TO BE PERFORMED IF WORK IS TO BE PERFORMED ON THE REACTOR TRIP OR REACTOR TRIP BYPASS BREAKERS. IF PERFORMING MAINTENANCE ON THE MOTOR GENERATOR OUTPUT BREAKERS ONLY, PROCEED TO STEP 9.0.

8.2 Enter the "As Found" serial numbers of all four (4) Reactor Trip and Reactor Trip Bypass Breakers on Enclosure 2 before removing any breakers from its cabinet. Compare serial numbers to those listed on Enclosure 1. Notify the maintenance supervisor of any discrepancies found.

8.3 Notify the Senior I&C Supervisor that all four Reactor Trip and Reactor Trip Bypass breakers will be removed from their cubicles and that I&C testing will be required after completion of the procedure. Notification is required due to the I&C Department's requirement to perform the Reactor Trip Master Response Time Testing.

Senior I&C Supervisor _____
(Signature)

_____
(Date)

9.0 PROCEDURE

NOTE:

THE STEPS IN THIS PROCEDURE NEED NOT BE PERFORMED IN THE EXACT ORDER AS WRITTEN. SEQUENCING OF STEPS SHALL BE DETERMINED BY THE COGNIZANT SUPERVISOR.

NOTE:

REFER TO ENCLOSURE 1 FOR THE PROPER CABINET DESIGNATIONS AS DESCRIBED IN THIS PROCEDURE.

9.1 Conduct the breaker cubicle inspection and cleaning as follows, for all six breakers. Document completion of the inspection on Enclosure 3.

1. Clean interior of the cubicle with a clean bristle brush and vacuum.

2. Clean all terminal connections on the stationary position of the secondary and primary disconnecting devices.

3. Test electrical connections for tightness - inspect for loose bolting.

4. Inspect the breaker support rails for signs of excessive wear or damage. Verify that the cotter pin in the Right Rail Stop Latch is intact and properly sized (1" Long x 3/32" DIA.).

5. Inspect Breaker Position Switches for distortion and free movement. Operation of the Breaker Position Switches will be verified in Step 9.4.3.

9.2 Conduct the Auxiliary Electrical Equipment Cabinet (Located above the breaker cubicles) inspection and cleaning as follows, for all six breakers. Document completion on Enclosure 3.

1. Clean all terminal boards, relay cases, fuse blocks, etc., using a clean soft bristle brush.

2. Clean the interior of the cubicle with a soft bristle brush and a vacuum cleaner.

3. Test electrical connections for tightness.

4. Inspect all wiring for signs of damage. Report all discrepancies to your supervisor.

9.3 Main Bus Cleaning and Inspection

1. Remove all sheet metal covers in the rear side of the cabinets. This will expose the bus and bus support members, and the rear side of the primary disconnect blocks on all six (6) breakers in the switchgear.

9.3.1

2. Clean the bus bars, insulating blocks and the bus separation insulators with a lint free cloth.

9.3.2

3. Clean the interior of the cabinet with a soft bristle brush and a vacuum.

9.3.3

CAUTION!

THE INTENT OF THE STEPS 9.3.4 AND 9.3.5 IS TO VERIFY TERMINAL TIGHTNESS ONLY. DO NOT OVERTIGHTEN THE TERMINAL LUGS AS THIS MAY CAUSE DAMAGE TO THE LUGS.

NOTE:

WHILE PERFORMING TERMINAL TIGHTNESS VERIFICATIONS, USE ONLY THE APPROPRIATE SIZED WRENCHES OR SCREW DRIVERS. DO NOT USE ADJUSTABLE WRENCHES.

4. Check all bolting for tightness. Document any loose bolts or hardware below.

_____

_____

_____

9.3.4

5. Inspect all bus joints for bolt tightness and ensure that all bus bolting has a lock washer or lock nut installed. Document discrepancies below.

_____

_____

_____

9.3.5

6. Inspect all the insulating material for evidence of cracking, dirt or electrical arc tracking. Document discrepancies below.

_____

_____

_____

9.3.6

7. Ensure all personnel are clear of the bus work. Install a 500V megger and measure the insulation leakage resistance. Document below.

Bus Megger Reading

ØA to grd_____ ØA to ØB_____

ØB to grd_____ ØB to ØC_____

ØC to grd_____ ØA to ØC_____

Megger Serial Number	Cal. Date	Cal. Due Date	9.3.7

8. SUPERVISOR WITNESS (SW)

INSPECTION HOLD POINT (IHP)

Visually inspect the interior of the cabinet. Ensure that all cleaning and inspection materials have been removed. Install the rear cabinet covers. 9.3.8

9.4 Circuit Breaker Maintenance

1. If further maintenance and testing is to be performed on the Reactor Trip and Reactor Trip Bypass breakers, conduct the maintenance and testing in accordance with Maintenance Procedure M3Q-2, Reactor Trip and Reactor Trip Bypass Air Circuit Breaker Semi-Annual Inspections and Tests. If no further maintenance is to be performed, disregard this step and proceed to step 9.4.2. 9.4.1

2. SUPERVISOR WITNESS (SW)

INSPECTION HOLD POINT (IHP)

Install the breakers into their cubicles. If working on the Reactor Trip or Reactor Trip Bypass breakers, install the the breakers in the configuration outlines on Enclosure 1, and document the final breaker positions by indicating the serial numbers on Enclosure 2. 9.4.2

3. SUPERVISOR WITNESS (SW)

INSPECTION HOLD POINT (IHP)

With the Reactor Trip and Reactor Trip Bypass breakers in their respective cubicles, test the operation of the Breaker Position Switches in accordance with Enclosure 4. This step is not applicable to the Motor Generator Output breakers. 9.4.3

10.0 FINAL TESTING

NOTE:

STEP 10.1 SHALL BE PERFORMED FOR THE REACTOR TRIP OR REACTOR TRIP BYPASS ONLY. STEP 10.1 SHALL BE DISREGARDED FOR THE MOTOR GENERATOR OUTPUT BREAKERS.

10.1 SUPERVISOR WITNESS

_____ (SW)

INSPECTION HOLD POINT

_____ (IHP)

Notify the I&C Senior Supervisor that maintenance has been completed on all four (4) Reactor Trip and Reactor Trip Bypass Breakers on #_____ Unit. I&C Department can procede with their required time response testing.

_____ _____ / _____

Senior I&C Supervisor (Signature) Date Time

10.2 Conduct retest in accordance with Maintenance Procedure A-21, Maintenance Department Testing and Retest Notification Manual Procedure.

11.0 CLOSEOUT AND FINAL REVIEW

11.1 Cleaning and inspections completed, all required documentation recorded.

Completed by:_____ Date:_____

11.2 REMARKS:_____

_____

_____

_____

11.3 REVIEWED BY:

Maintenance Supervisor:_____ Date:_____

Quality Assurance:_____ Date:_____

REACTOR TRIP AND REACTOR TRIP BYPASS BREAKERS
BREAKER SERIAL NUMBERS AND POSITION

SERIAL NUMBERS:

124Y7268B	124Y7269B
224Y7268B	224Y7269B
324Y7268B	324Y7269B
424Y7268B	424Y7269B

NORMAL POSITIONS:

UNIT #1

A TRIP 124Y7269B	A BY-PASS 324Y7269B
B TRIP 224Y7269B	B BY-PASS 424Y7269B

UNIT #2

A TRIP 124Y7268B	A BY-PASS 324Y7268B
B TRIP 224Y7268B	B BY-PASS 424Y7268B

"AS FOUND" SERIAL NUMBERS

A TRIP	A BYPASS
B TRIP	B BYPASS
#1MG	#2MG

"AS LEFT" SERIAL NUMBERS

A TRIP	A BYPASS
B TRIP	B BYPASS
#1MG	#2MG

REVIEW:

MAINTENANCE SUPERVISOR	DATE
QUALITY ASSURANCE	DATE

MAINTENANCE PROCEDURE M3Q-3
ENCLOSURE 3
CUBICLE CLEANING/INSPECTION CHECKLIST

WORK ORDER #:_____ UNIT:_____ DATE:_____

		A Rx Trip	A Rx Trip Bypass	B Rx Trip	B Rx Trip Bypass	#1 MG	#2 MG
9.1.1	Clean cubicle interiors						
9.1.2	Clean terminal connections						
9.1.3	Test connection tightness						
9.1.4	Inspect support rails						
9.1.5	Inspect Breaker Position Switches						
9.2.1	Clean terminal boards, etc.						
9.2.2	Clean cubicle interior						
9.2.3	Test connection interior						
9.2.3	Test connection tightness						
9.2.4	Inspect wiring						

REMARKS:_____

_____

_____

_____ _____ _____
Maintenance Supervisor Quality Assurance Date

MAINTENANCE PROCEDURE M3Q-3
ENCLOSURE 4
VERIFICATION OF BREAKER POSITION SWITCH OPERATION

Work Order #_____ Unit_____ Date_____

1. Notify the Shift Supervisor of the intent to test the Breaker Position Switch operation. Breakers will be racked in during the performance of this test.

_____ _____ _____
Shift Supervisor Date Time

2. To eliminate the possibility of a potential across the contacts and the possibility of parallel paths, lift leads at the contact points listed below and initial.

				LIFTED	RETERMINATED MAINT	RETERMINATED Q.C.
REACTOR TRIP "A"						
Contact 4	Wire# BH9	TB3	PT.4	_____	_____	_____
Contact 6	Wire# BH5	TB2	PT.8	_____	_____	_____
Contact 7	Wire# BH3	TB2	PT.4	_____	_____	_____
Contact 8	Wire# BH1	TB2	PT.12	_____	_____	_____
REACTOR TRIP "B"						
Contact 12	Wire# CH9	TB7	PT.4	_____	_____	_____
Contact 14	Wire# CH5	TB6	PT.8	_____	_____	_____
Contact 15	Wire# CH3	TB6	PT.4	_____	_____	_____
Contact 16	Wire# CH1	TB6	PT.12	_____	_____	_____
REACTOR TRIP BYPASS "A"						
Contact 1	Wire# 2BH15	TB7	PT.11	_____	_____	_____
Contact 2	Wire# BH5	TB5	PT.10	_____	_____	_____
Contact 3	Wire# 2BT11	TB3	PT.1	_____	_____	_____
Contact 4	Wire# BH9	TB6	PT.6	_____	_____	_____
Contact 5	Wire# 2BPP	TB7	PT.5	_____	_____	_____
Contact 6	Wire# BH7	TB3	PT.5	_____	_____	_____
Contact 7	Wire# BH3	TB5	PT.6	_____	_____	_____
Contact 8	Wire# BH1	TB6	PT.2	_____	_____	_____

WORK ORDER #_____

REACTOR TRIP BYPASS "B"				LIFTED	RETERMINATED MAINT	RETERMINATED Q.C.
Contact 9	Wire# 2CH15	TB8	PT.11	_____	_____	_____
Contact 10	Wire# CH5	TB9	PT.10	_____	_____	_____
Contact 11	Wire# 2CT11	TB11	PT.1	_____	_____	_____
Contact 12	Wire# CH9	TB10	PT.6	_____	_____	_____
Contact 13	Wire# 2CPP	TB8	PT.5	_____	_____	_____
Contact 14	Wire# CH7	TB11	PT.5	_____	_____	_____
Contact 15	Wire# CH3	TB9	PT.6	_____	_____	_____
Contact 16	Wire# CH1	TB10	PT.2	_____	_____	_____

3. Using the resistance scale on the multimeter, verify switch position for each of the cubicles listed below, by measuring the resistance across the contacts at the indicated terminal block points. Verify that the contacts are in the expected position for the current breaker position. Perform this test with the breakers in the racked out or test position, initial satisfactory results in the spaces provided next to the contact below.

4. Rack the breaker into the fully racked in position. Using the resistance scale on the multimeter, verify switch position for each of the cubicles listed below, by measuring the resistance across the contacts at the indicated terminal block points. Verify that the contacts are in the expected position for the current breaker position. Initial satisfactory results in the spaces provided below.

5. With the breaker remaining in the fully racked in position, attempt to withdraw the breaker until it comes in contact with the Positioning Stop Brackets. With the breaker at the Positioning Stop Brackets, attempt horizontal and vertical movement of the breaker. With the multimeter selected to the resistance scale, verify switch position for each of the cubicles listed below, by measuring the resistance across the contacts at the indicated terminal block points. Verify that the contacts are in the expected position for the current breaker position. Initial satisfactory results in the spaces provided below.

6. Rack the breakers out to the fully racked out position.

_____
INITIAL

7. Reterminate the leads lifted in step 2, initial completion in the spaces provided.

WORK ORDER #_____

8. Notify the Shift Supervisor of the completion of this test, breakers are in the fully racked out position.

_____ _____ _____
Shift Supervisor Date Time

NOTE:

ALL CONTACT POSITIONS NOTED BELOW ARE THE EXPECTED POSITIONS WITH THE BREAKER IN THE RACKED OUT OR TEST POSITION.

REACTOR TRIP "A" CUBICLE 52H/1RTA

CONTACT	WIRE#	TERMINAL BLOCK	POINT	CONTACT STATUS	BREAKER RACKED OUT	BREAKER RACKED IN	AFTER MOVE-MENT
4	BH9	TB3	4	CLOSED			
4	BH10	TB3	2	CLOSED			
6	BH5	TB2	8	CLOSED			
6	BH6	TB2	6	CLOSED			
7	BH3	TB2	4	CLOSED			
7	BH4	TB2	2	CLOSED			
8	BH1	TB2	12	CLOSED			
8	BH2	TB2	10	CLOSED			

REACTOR TRIP "B" CUBICLE 52H/1RTB

CONTACT	WIRE#	TERMINAL BLOCK	POINT	CONTACT STATUS	BREAKER RACKED OUT	BREAKER RACKED IN	AFTER MOVE-MENT
12	CH9	TB7	4	CLOSED			
12	CH10	TB7	2	CLOSED			
14	CH5	TB6	8	CLOSED			
14	CH6	TB6	6	CLOSED			
15	CH3	TB6	4	CLOSED			
15	CH4	TB6	2	CLOSED			
16	CH1	TB6	12	CLOSED			
16	CH2	TB6	10	CLOSED			

WORK ORDER #_____

NOTE:

ALL CONTACT POSITIONS NOTED BELOW ARE THE EXPECTED POSITIONS WITH THE BREAKER IN THE RACKED OUT OR TEST POSITION.

REACTOR TRIP BYPASS "A" CUBICLE 52H / 1BYA

CONTACT	WIRE#	TERMINAL BLOCK	POINT	CONTACT STATUS	BREAKER RACKED OUT	BREAKER RACKED IN	AFTER MOVE-MENT
1	2BH16	TB7	12	OPEN			
1	2BH15	TB7	11	OPEN	_____	_____	_____
2	BH5	TB5	10	CLOSED			
2	BH6	TB5	12	CLOSED	_____	_____	_____
3	2B1T1	TB3	2	OPEN			
3	2BT11	TB3	1	OPEN	_____	_____	_____
4	BH9	TB6	6	CLOSED			
4	BH10	TB6	8	CLOSED	_____	_____	_____
5	2BP1	TB2	11	OPEN			
5	2BPP	TB7	5	OPEN	_____	_____	_____
6	BH7	TB3	5	CLOSED			
6	BH8	TB3	6	CLOSED	_____	_____	_____
7	BH3	TB5	6	CLOSED			
7	BH4	TB5	8	CLOSED	_____	_____	_____
8	BH1	TB6	2	CLOSED			
8	BH2	TB6	4	CLOSED	_____	_____	_____

WORK ORDER #_____

NOTE:

ALL CONTACT POSITIONS NOTED BELOW ARE THE EXPECTED POSITIONS WITH THE BREAKER IN THE RACKED OUT OR TEST POSITION.

REACTOR TRIP BYPASS "B" CUBICLE 52H / 1BYB

CONTACT	WIRE#	TERMINAL BLOCK	POINT	CONTACT STATUS	BREAKER RACKED OUT	BREAKER RACKED IN	AFTER MOVE-MENT
9	2CH15	TB8	11	OPEN			
9	2CH16	TB8	12	OPEN	_____	_____	_____
10	CH5	TB9	10	CLOSED			
10	CH6	TB9	12	CLOSED	_____	_____	_____
11	2CT11	TB11	1	OPEN			
11	2C1T1	TB11	2	OPEN	_____	_____	_____
12	CH9	TB10	6	CLOSED			
12	CH10	TB10	8	CLOSED	_____	_____	_____
13	2CPP	TB8	5	OPEN			
13	2CP1	TB14	11	OPEN	_____	_____	_____
14	CH7	TB11	5	CLOSED			
14	CH8	TB11	6	CLOSED	_____	_____	_____
15	CH3	TB9	6	CLOSED			
15	CH4	TB9	8	CLOSED	_____	_____	_____
16	CH1	TB10	2	CLOSED			
16	CH2	TB10	4	CLOSED	_____	_____	_____

REMARKS: _____

_____

_____

Reviewed: _____ _____
Maintenance Supervisor Date

_____ _____
Quality Assurance Date

NOTE: PRESS HARD YOU ARE MAKING FIVE (5) COPIES

ADMINISTRATIVE PROCEDURE 3
ON-THE-SPOT CHANGE

CHANGE TYPE: [X] PERMANENT (GREEN) [ ] *TEMPORARY (ORANGE)

PROCEDURE TITLE Rx Trip, Reactor Trip Bypass and Rod Drive Motor Gen. Output Air-Circuit Bkr and Switchgear Maint *EXPIRES: _____

ALL ON-THE-SPOT CHANGES TO BE CONSIDERED FOR APPLICABILITY TO BOTH UNITS.

[X] UNIT 1 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 3

[X] UNIT 2 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 3

PROPOSED CHANGE:

5.1 Enclosure 1 - Circuit Breaker Positions

Unit One	Unit Two
"A" Trip-02YN201-1	"A" TRIP- 02YN219-1
"B" Trip-02YN201-3	"B" TRIP- 02YN219-3
"A" BYPASS-3-24Y7269B	"A" BYPASS-324Y7268B
"B" BYPASS-4-24Y7269B	"A" BYPASS-424Y7268B

REASON FOR CHANGE:

To correct the serial No's. on breakers in the unit one Bypass positions "A" & "B".

ACTION TAKEN FOR OTHER UNIT:

SAME

AUTHORIZATION: Dennis E. Bishop **SUPERVISOR IN CHARGE — J.A. Varga DUTY SENIOR SHIFT SUPERVISOR OR SHIFT SUPERVISOR — 3-7-85 DATE

DISTRIBUTION TO FIELD COPIES COMPLETED (IF APPLICABLE) Dennis E. Bishop RESPONSIBLE SUPERVISOR

**SIGNATURE ALSO VERIFIES THAT APPLICABILITY TO BOTH UNITS HAS BEEN CONSIDERED.

ACCEPTABLE: POST CHANGE-REVIEW/APPROVAL

YES	NO			
[X]	[ ]	Gallagher — DEPARTMENT HEAD		3-8-85 DATE
[X]	[ ]	R.A. Brown — QUALITY ASSURANCE		3/13/85 DATE
[ ]	[ ]	S.C. Smith — SORC (CHAIRMAN)	85-054 MEETING NO.	3-20-85 DATE
[ ]	[ ]	J. Lashbrook Jr. — GENERAL MANAGER - SALEM OPERATIONS		3/20/85 DATE

RETURN COMPLETED OR REJECTED FORM TO DEPARTMENT REQUESTING CHANGE.

FOLLOW-UP TO REJECTED ON-THE-SPOT CHANGE

ACTION TAKEN:

PERFORMED BY: _____ SIGNATURE _____ DATE

RETURN TO DEPARTMENT HEAD FOR ROUTING THROUGH POST CHANGE-REVIEW/APPROVAL CYCLE.

NOTE: PRESS HARD YOU ARE MAKING FIVE (5) COPIES

ADMINISTRATIVE PROCEDURE 3

ON-THE-SPOT CHANGE

CHANGE TYPE: [X] PERMANENT (GREEN) [ ] *TEMPORARY (ORANGE)

PROCEDURE TITLE: Rx Trip, Rx Trip Bypass AND Rod Drive Motor Gen. Output Bar Circuit Bkr + Switchgear MAINT *EXPIRES:

ALL ON-THE-SPOT CHANGES TO BE CONSIDERED FOR APPLICABILITY TO BOTH UNITS.

[X] UNIT 1 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 2

[X] UNIT 2 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 2

PROPOSED CHANGE:

5.1 Enclosure 1 - Circuit Breaker Positions

UNIT ONE "B" Rx TRIP Breaker IS NOW SERIAL # 02YN 201-3

REASON FOR CHANGE:

During Semi-Annual M3Q-2 on "1B" Rx Trip Bkr ~~#~~ 02YN201-2 Failed the Trip Bar Force + had to be Replaced with 02YN201-3

ACTION TAKEN FOR OTHER UNIT:

SAME

AUTHORIZATION: S Hooker **SUPERVISOR IN CHARGE — J Viarga DUTY SENIOR SHIFT SUPERVISOR OR SHIFT SUPERVISOR — 2-11-85 DATE

DISTRIBUTION TO FIELD COPIES COMPLETED (IF APPLICABLE) Dennis E Bahr RESPONSIBLE SUPERVISOR

**SIGNATURE ALSO VERIFIES THAT APPLICABILITY TO BOTH UNITS HAS BEEN CONSIDERED.

ACCEPTABLE: POST CHANGE-REVIEW/APPROVAL

YES	NO			
[X]	[ ]	DEPARTMENT HEAD		2-13-85 DATE
[X]	[ ]	QUALITY ASSURANCE		2/13/85 DATE
[✓]	[ ]	SORC (CHAIRMAN)	85-032 MEETING NO.	2/15/85 DATE
[✓]	[ ]	GENERAL MANAGER - SALEM OPERATIONS		2/15/85 DATE

RETURN COMPLETED OR REJECTED FORM TO DEPARTMENT REQUESTING CHANGE.

FOLLOW-UP TO REJECTED ON-THE-SPOT CHANGE

ACTION TAKEN:

PERFORMED BY: _____ SIGNATURE _____ DATE

RETURN TO DEPARTMENT HEAD FOR ROUTING THROUGH POST CHANGE-REVIEW/APPROVAL CYCLE.

NOTE: PRESS HARD YOU ARE MAKING FIVE (5) COPIES

ADMINISTRATIVE PROCEDURE 3
ON-THE-SPOT CHANGE

CHANGE TYPE: [X] PERMANENT (GREEN) [ ] *TEMPORARY (ORANGE)

PROCEDURE TITLE Rx Trip, Reactor Trip Bypass and Rod Drive Motor Gen Output Air-circuit Brkr and Switchgear Maint. *EXPIRES: _____

ALL ON-THE-SPOT CHANGES TO BE CONSIDERED FOR APPLICABILITY TO BOTH UNITS.

[X] UNIT 1 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 1

[X] UNIT 2 PROCEDURE NO. M3Q-3 REV. NO. 1 CHANGE NO. 1

PROPOSED CHANGE:

5.1 Enclosure 1 - Circuit Breaker Positions

UNIT ONE	UNIT TWO
"A" TRIP - 02YN201-1	"A" TRIP - 02YN219-1
"B" TRIP - 02YN201-2	"B" TRIP - 02YN219-3
"A" BYPASS - 3-24Y269B	"A" BYPASS - 324Y7268B
"B" BYPASS - 4-24Y269B	"B" BYPASS - 424Y7268B

REASON FOR CHANGE:

To show the new serial No's of the new breakers installed in the "A" & "B" Rx Trip positions for both unit one and two.

ACTION TAKEN FOR OTHER UNIT:

SAME

AUTHORIZATION: S. Hooks **SUPERVISOR IN CHARGE — DUTY SENIOR SHIFT SUPERVISOR OR SHIFT SUPERVISOR — 2/4/85 DATE

DISTRIBUTION TO FIELD COPIES COMPLETED (IF APPLICABLE) S Hooks RESPONSIBLE SUPERVISOR

**SIGNATURE ALSO VERIFIES THAT APPLICABILITY TO BOTH UNITS HAS BEEN CONSIDERED.

ACCEPTABLE: POST CHANGE-REVIEW/APPROVAL

YES	NO			
X		DEPARTMENT HEAD		2-13-85 DATE
X		QUALITY ASSURANCE		2/13/85 DATE
✓		SORC (CHAIRMAN)	85-032 MEETING NO.	2/15/85 DATE
✓		GENERAL MANAGER - SALEM OPERATIONS		2/15/85 DATE

RETURN COMPLETED OR REJECTED FORM TO DEPARTMENT REQUESTING CHANGE.

FOLLOW-UP TO REJECTED ON-THE-SPOT CHANGE

ACTION TAKEN:

PERFORMED BY: _____ SIGNATURE _____ DATE

RETURN TO DEPARTMENT HEAD FOR ROUTING THROUGH POST CHANGE-REVIEW/APPROVAL CYCLE.