

Nuclear Plant Maintenance Work Order Continuation Sheet

MPL No. A 2117 Parts R

MWO No. A9001255

Work Description Block 77 cont. Went to warehouse and got 2 pistons on mee 90-10633, Found 1 to be out of round. Went and got 1 more piston from warehouse on mee 90-106610.

Cut 2 pistons down and had R.P. to verify clearance using micrometer VP-3-2702 cal due date 2-12-91. Return tap Air-start valve Assy to warehouse. Maintained Zone IV Housekeeping.

J.M.F. 7-25-90

Nuclear Plant Maintenance Work Order Continuation Sheet

MPL No. A 2117 PARTS Q

MWO No. A4001255

Work Description _____

Block 23: Work Instructions

- PER CONVERSATIONS WITH "COOPER" CAPS CAN BE MACHINED OR LAPPED UP TO .010" FROM BOTTOM OF C. P. TO OBTAIN A .001" OR LESS FLATNESS (REF. MWO 19003340)
- LAP OR MACHINE THE CAPS REMOVED FROM DIESEL GENERATOR ON MWO 19003340 TO OBTAIN RECOMMENDED FLATNESS. $\pm .001$
- ALSO HONE OR MACHINE THE PISTON TO OBTAIN A $\begin{matrix} (+0, -1) \\ .003 \end{matrix}$ " DIAMETRICAL CLEARANCE BETWEEN CAP AND PISTON. RECORD INFORMATION ON 27598-C DATA SHEET.
- REASSEMBLE AIR START VALVES PER 27598-C
- RETURN VALVES TO WAREHOUSE

Craig J. Lamb

7-19-90

Block 27 out: CHECKED FLATNESS ON (18) AIR START VALVE CAPS USING FEELER GAUGES. ALL CAPS WERE SATISFACTORY. ALSO CHECKED THE I.D. OF THE 18 CAPS AND READINGS WERE 2.249" TO 2.250". M&T EQUIP. used VP-3-2879 ϕ 2-17-91 millimeter

VP-3-2406 ϕ 11-15-94 STARRETT MASTER PINK GRANITE SURFACE PLATE

Reference IR # 35156. RDT- 7-20-90 MINOR LAPPING WAS PERFORMED ON THE ABOVE 18 AIR START VALVE CAPS TO ACHIEVE THE DESIRED ACCEPTANCE CRITERIA. JHM 7-20-90

Block 37: checked Flatness on (16) Air start valve caps using feeler gauges. All caps are satisfactory. M&T used Starrett Master Pink Granite Surface Plate VP 3-2406 ϕ 11-15-94. Minor lapping was performed, to achieve the desired acceptance criteria JHM 7-20-90

Nuclear Plant Maintenance Work Order Continuation Sheet

MPL No. A-1217-Parts Q MWO No. A9001255

Work Description Block 27: Verified .003 clearance between Cap and piston using VP-3-2155 cal due 10-2-90. Maintained zone IV housekeeping. P2J, 7-20-90

Block 27 Cont.

Performed minor lapping on 11 air start valves caps to achieve a .001 flatness on mating surfaces. Used granite surface plate UP 32406, Cal due 11-15-90, shim stock, cal verified by micrometer UP 3-2188, Cal due 8-2-90 to check flatness. Measured bores of caps with micrometer UP 3-2155 Cal due 10-2-90 the caps all measured .250. The air start caps came off MPL 24036-4002 under MWO 29003147 to be reworked and returned to warehouse stock per this MWO. Maintained Zone IV Housekeeping B/H 7/22/90. Ref T/R 35369 for flatness B/H 7/22/90

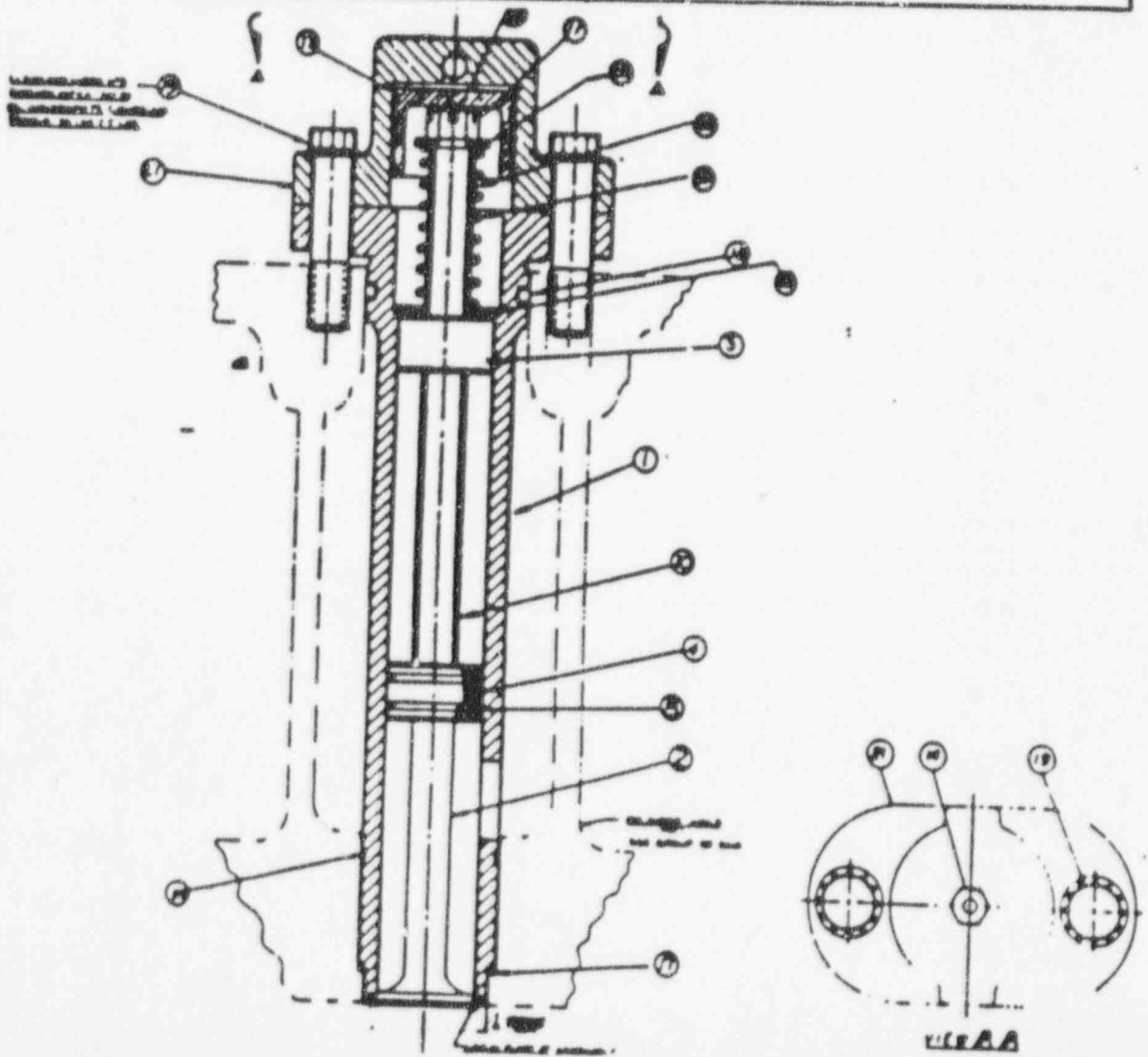
Block 27 Cont.

MATCHED VALVE CAPS WITH PISTONS AND VALVE ASSY. AND RETURNED TEN ASSY. TO WHAREHOUSE. See MER'S 90010282, 90010453, AND 90010532. See PROCEDURE 27598-C DATA SHEET 1 PAGE 22 OF 31 FOR CLEARANCE BETWEEN CAP AND PISTON. PUT 2 VALVES AND 2 CAPS, AND ^{SET 7-22-90} IN IN-PROGRESS STORAGE CABINET #3 TOP SHELF DUE TO NOT HAVING PISTONS. MAINTAINED ZONE IV HOUSEKEEPING JOHN TUGGLE.

DATA SHEET 1

FOR USE WITH CONTROL NO. A9001255 AIR START VALVE INSPECTION

COMPONENT GROUP TITLE: AIR START VALVE	PARTS GROUP NO. 02-359
LOCATION: VOGTLE ELECTRIC GENERATING PLANT	UNIT NO. 172
TAG NUMBER: <i>Spare Parts</i>	ENGINE SERIAL NO. <i>N/A</i>
TOTAL ENGINE HOURS: <i>N/A</i>	HOURS SINCE LAST INSPECTION: <i>N/A</i>
DATE THIS INSPECTION: <i>N/A</i>	REFERENCE STEPS: 4.6, 4.7



DATA SHEET 1

AIR START VALVE INSPECTION

ENGINE TAG NO.: N/A ⁵⁰⁷ DATE: 7-22-90

*104-7-22-90
TR 507-950
qc
HOLD FOR*

Step 4.6.2b,c and d: Cap To Piston Clearance

These To be Referred to Workshop

Valve	CAP		PISTON		Clearance	Sat	Unsat	Performed By
	x-x	y-y	x-x	y-y				
1R 1/4" H	2.2454	2.2464	2.2464	2.2464	.003"	✓		John Tuggle
1L 2/8" H	2.2493	2.2493	2.2466	2.2466	.0027"	✓		John Tuggle
2R 3/8" H	2.2491	2.2491	2.2469	2.2464	.0024"	✓		John Tuggle
2L 4/8" H	2.250	2.250	2.247	2.247	.0027"	✓		John Tuggle
3R 5/8" H	2.2495	2.2495	2.2468	2.2468	.0027"	✓		John Tuggle
3L 6/8" H	2.250	2.250	2.247	2.247	.0027"	✓		John Tuggle
4R 7/8" H	2.250	2.250	2.2472	2.2472	.0028"	✓		John Tuggle
4L 8/8" H	2.2497	2.2497	2.2471	2.2471	.0026"	✓		John Tuggle
5R 9/8" H	2.2497	2.2497	2.2472	2.2472	.0027"	✓		John Tuggle
5L 10/8" H	2.2495	2.2495	2.2474	2.2474	.0027"	✓		John Tuggle
6R 11/8" H	2.2500	2.2500	2.2470	2.2470	.003"	✓		B. Linnick
6L 10 1/8" H	2.2496	2.2496	2.2470	2.2470	.0024"	✓		B. Linnick
7R								
7L								
8R								
8L								

M&TE Serial No. _____
 Cal. Due Date _____
 Clearance When New: 0.001/0.003" Replace When Over 0.009"

2) Step 4.6.2e: Valve Intervals Inspection

Valve	Comments	Sat	Unsat	Performed By/Date
1R				
1L				
2R				
2L				
3R				
3L				
4R				
4L				
5R				
5L				
6R				
6L				
7R				
7L				
8R				
8L				

Handwritten mark: a large 'A' with '11/8' written below it.

DATA SHEET 1
AIR START VALVE INSPECTIONS

ENGINE TAG NO. _____ DATE: _____

3) ~~Step 4.6.2f and h: Valve Seat Inspection~~

Valve	Valve/Seat Inspection	Bluing	Sat	Unsat	Performed By/Date
1R					
1L					
2R					
2L					
3R					
3L					
4R					
4L					
5R					
5L					
6R					
6L					
7R					
7L					
8R					
8L					

Handwritten: F. 7/11/90

N/A
oc
HOLD FOR 14)
7/13/90

Step 4.7.4 and 4.7.6: Air start valve capscrews. ENGINE HOURS _____

Cylinder	Capscrew = 2-3/4"		Torque		Performed	Witnessed
	1	2	1	2		
1R						
2R						
3R						
4R						
5R						
6R						
7R						
8R						
1L						
2L						
3L						
4L						
5L						
6L						
7L						
8L						

Handwritten: 21R 7/11/90

M&TE Serial No. _____
Cal. Due Date _____

DATA SHEET 1

ENGINE TAG No. _____ DATE: _____

5) Step 4.7.9h: Rocker Arm Capscrew Torque

Cylinder	Rocker Arm		Performed	Witnessed
	1	2		
1R				
2R				
3R				
4R				
5R				
6R				
7R				
8R				
1L				
2L				
3L				
4L				
5L				
6L				
7L				
8L				

M&TE Serial No. _____
 Cal. Due Date _____

DATA SHEET 2

AIR START VALVE CAPSCREW TORQUING

ENGINE TAG No.: _____ DATE: _____

Step 4.7.7 _____ ENGINE HOURS _____

Cylinder	Capscrew		Did Screw Move?	Performed	Witnessed
	1	2			
1R					
2R					
3R					
4R					
5R					
6R					
7R					
8R					
1L					
2L					
3L					
4L					
5L					
6L					
7L					
8L					

M&TE Serial No. _____
 Cal. Due Date _____

Step 4.7.7: _____ ENGINE HOURS _____

Cylinder	Capscrew		Did screw Move?	Performed	Witnessed
	1	2			
1R					
2R					
3R					
4R					
5R					
6R					
7R					
8R					
1L					
2L					
3L					
4L					
5L					
6L					
7L					
8L					

M&TE Serial No. _____
 Cal. Due Date _____

DATA SHEET 2

AIR START VALVE CAPSCREW TORQUING

ENGINE TAG No.: _____

DATE: _____

Step 4.7.7

ENGINE HOURS _____

Cylinder	Capscrew		Did Capscrew Move?	Performed	Witnessed
	1	2			
1R			2		
2R					
3R					
4R					
5R					
6R					
7R					
8R					
1L					
2L					
3L					
4L					
5L					
6L					
7L					
8L					

Handwritten notes:
OK
11/11/11

M&TE Serial No. _____
Cal. Due Date _____

Step 4.7.7:

ENGINE HOURS _____

Cylinder	Capscrew		Did screw Move?	Performed	Witnessed
	1	2			
1R					
2R					
3R					
4R					
5R					
6R					
7R					
8R					
1L					
2L					
3L					
4L					
5L					
6L					
7L					
8L					

M&TE Serial No. _____
Cal. Due Date _____

COMPLETION SHEET

PROCEDURE NO. 27598-C	REVISION 0	SHEET 1 of 4
TAG NO.	DESCRIPTION Standby Diesel Generator	
SERIAL NO.	MANUFACTURER Transamerica Delaval	MODEL DSRV-16-4
TEST EQUIPMENT USED See applicable "Data" Sheet	<input type="checkbox"/> Safety Related/QC HoldPoints apply <input type="checkbox"/> Non-Safety Related	

PROCEDURE STEP	DESCRIPTION	MAINT. INIT/DATE	HOLD POINT (Yes/No)	QC INIT/DATE
1	Verify Prerequisites met	1/11/75	NO	1/11/75
2	Shift Supervisor Notified	1/11/75		1/11/75
3	Diesel Generator Isolated and Tagged	1/11/75		1/11/75
4	Measure Air Start Valve Gap to Piston Clearance Data Sheet 1, Sheet 2	1/11/75	QC	1/11/75
5	Support Air Start Valve Data Sheet 1, Sheet 2	1/11/75		1/11/75
6	Inspect Air Start Valve Gap for Piston Clearance Data Sheet 1, Sheet 2	1/11/75		1/11/75
7	Close Air Start Valve Data Sheet 1, Sheet 2	1/11/75		1/11/75

Refer to Data Sheet 1, Sheet 2

PROCEDURE STEP	DESCRIPTION	MAINT. INIT/DATE	HOLD POINT (Yes/No)	QC INIT/DATE
4.6.3	Air Start Valves Reassembled			
	1R	N/A	QC HOLD POINT	/
	2R	/	YES	/
	3R	/	YES	/
	4R	/	YES	/
	5R	/	YES	/
	6R	/	YES	/
	7R	/	YES	/
	8R	/	YES	/
	1L	/	YES	/
	2L	/	YES	/
	3L	/	YES	/
	4L	/	YES	/
	5L	/	YES	/
	6L	/	YES	/
	7L	/	YES	/
	8L	/	YES	/
			QC HOLD POINT	
4.7.2	Valve To Head Gasket Installed			
	1R	/	/	/
	2R	/	/	/
	3R	/	/	/
	4R	/	/	/
	5R	/	/	/
	6R	/	/	/
	7R	/	/	/
	8R	/	/	/
	1L	/	/	/
	2L	/	/	/
	3L	/	/	/
	4L	/	/	/
	5L	/	/	/
	6L	/	/	/
	7L	/	/	/
	8L	/	/	/
4.7.4	Air Start Valve Capscrews Inspected "Data" Sheet 1, Sheet 3	*/	NO	/ See 7/15/90 */
4.7.6	Air Start Valve Capscrews Torqued - "Data" Sheet 1, Sheet 3	*/	NO	/ See 7/15/90 */

* Document on Referenced "Data" Sheet

PROCEDURE STEP	DESCRIPTION	MAINT. INIT/DATE	HOLD POINT (Yes/No)	QC INIT/LATE
4.7.7	Air Start Valve Capscrews Retorqued every 8 hours of engine operation "Data" Sheet 2	MA	No	Dec 1 7/5/92
4.7.9h	Torque Rocker Arm Capscrews "Data" Sheet 1, Sheet 4	MA		1
4.7.10 -	Adjust Intake And Exhaust valves			
	1R	/		/
	2R	/		/
	3R	/		/
	4R	/		/
	5R	/		/
	6R	/		/
	7R	/		/
	8R	/		/
	1L	/		/
	2L	/		/
	3L	/		/
	4L	/		/
	5L	/		/
	6L	/		/
	7L	/		/
	8L	/		/
4.7.11	Tools removed from engine	/		/
4.7.12	Cylinder head covers installed	/		/
4.7.13	Main Bearing Oil Lines installed	MA		/
4.9	Notify Shift Supervisor required maintenance is complete	Number 7239	No	Dec 1 7/5/92

* Document on Referenced "Data" Sheet

COMMENTS/ADDITIONAL HOLD POINTS: _____

QC has reviewed this procedure for hold points *Philip O. Clark*
Signature 7/30/92

APPROVED <input checked="" type="checkbox"/> DISAPPROVED <input type="checkbox"/>
FOREMAN DATE
<i>MW Fordguy 7-30-92</i>

COMPLETED BY	DATE
<i>MW Fordguy for</i>	
<i>B. Weaver</i>	<i>7-30-92</i>

WVO No: **A 9001255**

PROCEDURE & REV No: **27526-C**

NOTIFY QUALITY CONTROL PRIOR TO PERFORMING THE WORK ACTIVITY
OR STEP ASSOCIATED WITH THE HOLD (H) OR WITNESS (W) POINT

DO NOT BYPASS QC HOLD OR WITNESS POINTS

STEP No.	H/W	HOLD POINT / WITNESS POINT DESCRIPTION	ASSIGNED BY		NOTIFIED		QC ACTION	
			INIT	DATE	INIT	DATE	INIT	I-W-N/A
①	H	AFTER LAPPING CW MACH- ING ALL APPLICABLE CAPS NOTIFY Q.C. FOR VERI- FICATION OF ACCEPTABLE FLATNESS	pc	7/12/90	pc	7/12/90	pc	I
②	H	NOTIFY Q.C. PRIOR TO RE- ASSEMBLY FOR Q.C. TO VERIFY ACCEPTABLE CLEARANCE BETWEEN THE CAP AND PISTON	pc	7/12/90	pc	7/22/90	pc	I
③	H	Q.C. TO WITNESS REAS- SEMBLY OF AIR START VALVES.	pc	7/12/90	pc	7-22-90	pc	I

COMMENTS & IR NUMBERS: (initial and date entries)

REF. J.R.# 35365, pc 7/12/90 IR 35012 Del 7-23-90

REF. J.R.# 35365, pc 7/12/90

* Witnessed Readings Taken on Ten Pistons & Caps and assembled on Air Start Valves
To be Taken to workshop for repair. 7-22-90 IR# 35350

signed for Phil Check by Reviewer IR# 35369, 7-22-90

Quality Control Inspection Report

VOGTLE GENERATING PLANT—UNITS 1 & 2

35350

MWO/ODR/DR No. <i>A 9001255</i>	Building <i>Maint. Skoy.</i>	Procedure/Spec. No./Rev. <i>850120A</i>
Room No./Level No. <i>NA</i>	Sys./Start-Up Designator <i>2117</i>	Tag No. <i>A 2117 Part 2 B.</i>
Drawing No./Rev. <i>NA</i>	Vendor Manual Log No. <i>NA</i>	Other <i>NA</i>

1. Inspector will use separate form for each completed inspection function(s) and insert original with work package, use continuation sheets when needed.
2. Use simple narrative type report procedure. Reference all applicable drawing numbers, specifications, special instructions, etc., connected with your inspection. Use sketches, when applicable, showing dimensions checked, alignment, physical location of defects found, etc. N/A all blocks not used.
3. Upon completion of the inspection activity, enter results below and sign and date.

Remarks *Method of Inspection - Visual.*

Witnessed readings taken on pistons and caps of the Air start valves to insure clearance .003" ± 0 - .001". All Readings are written on the back of the in-process tags & are being attached to the Air start valve assembly. NATE used was; VP-3-2701, Cal. due 3-12-91; VTR-51-1184 & VP-3-2155, Cal. due 10-2-90 All work Sat.

Sketch

NA

Inspection Results

SAT. UNSAT—ODR/DR NO.(s):

Inspector *Leonard S. Elyson* Date *7-22-90*

705516A MCS191

Quality Control Inspection Report

VOGTLE GENERATING PLANT—UNITS 1 & 2

35012

MWO/ODR/DR No. <u>A9001255</u>	Building <u>Mount Shop</u>	Procedure/Spec. No./Rev. <u>27548-C R10</u>
Room No./Level No. <u>NA</u>	Sys./Start-Up Designator <u>2403 / 2117</u>	Tag No. <u>A2117 Parts Q</u>
Drawing No./Rev. <u>NA</u>	Vendor Manual Log No. <u>NA</u>	Other <u>85022-C F1 / Break 23</u>

1. Inspector will use separate form for each completed inspection function(s) and insert original with work package, use continuation sheets when needed.
2. Use simple narrative type report procedure. Reference all applicable drawing numbers, specifications, special instructions, etc., connected with your inspection. Use sketches, when applicable, showing dimensions checked, alignment, physical location of defects found, etc. N/A all blocks not used.
3. Upon completion of the inspection activity, enter results below and sign and date.

Remarks

Method of inspection Visual
Verified Gap to Piston Clearance to 2 cu
in Start Values. Clearance Accepted
information on tags Attached to Caps.
Measurement Used VP-3-2702 CDD 3.12.91

Sketch NA

Inspection Results

SAT.

UNSAT—ODR/DR NO.(s):

Inspector

DC Lewis

Date

7-23-90

Quality Control Inspection Report

VOGTLE GENERATING PLANT—UNITS 1 & 2

35156

MWO/ODR/DR No. <u>A 9001255</u>	Building <u>Maint Shop</u>	Procedure/Spec. No./Rev. <u>27598-C R/0</u>
Room No./Level No. <u>N/A</u>	Sys./Start-Up Designator <u>2117</u>	Tag No. <u>ASW/PARTS</u>
Drawing No./Rev. <u>N/A</u>	Vendor Manual Log No. <u>N/A</u>	Other <u>85022-C R/1</u>

1. Inspector will use separate form for each completed inspection function(s) and insert original with work package, use continuation sheets when needed.
2. Use simple narrative type report procedure. Reference all applicable drawing numbers, specifications, special instructions, etc., connected with your inspection. Use sketches, when applicable, showing dimensions checked, alignment, physical location of defects found, etc. N/A all blocks not used.
3. Upon completion of the inspection activity, enter results below and sign and date.

Remarks
Q.C. Visually Witness Checkup
Air Start Valve's Caps For Flatness
SAT checked I.D. of caps readings
were 2.249" and 2.250" note: The
Qty of caps inspected is (18). Note All
caps have been tested indicating
Acceptance and Verification
Flatness checked using Foster Gauges and
STRETT MASTER Pink Granite Surface Plate.
UP-3-2406 Due 11/15/94
checked I.D. of caps using Mic's
UP-3-2879 Due 2/17/91

Sketch

Inspection Results

SAT

UNSAT—ODR/DR NO.(s):

705516A MCS191

Inspector



Date

7/20/90

Quality Control Inspection Report

VOGTLE GENERATING PLANT—UNITS 1 & 2

35365

MWO/ODR/DR No. <u>A 9001255</u>	Building <u>MAINT. SHOP</u>	Procedure/Spec. No./Rev. <u>3752B-C R/0</u>
Room No./Level No. <u>GROUND LEVEL</u>	Sys./Start-Up Designator <u>2117</u>	Tag No. <u>A 2117 PARTS Q</u>
Drawing No./Rev. <u>N/A</u>	Vendor Material Log No. <u>N/A</u>	Other <u>85022-C R/1</u>

1. Inspector will use separate form for each completed inspection function(s) and insert original with work package, use continuation sheets when needed.
2. Use simple narrative type report procedure. Reference all applicable drawing numbers, specifications, special instructions, etc., connected with your inspection. Use sketches, when applicable, showing dimensions checked, alignment, physical location of defects found, etc. N/A all blocks not used.
3. Upon completion of the inspection activity, enter results below and sign and date.

Remarks

VISUALLY VERIFIED THAT 10 EA CAPS WERE WITHIN THE ACCEPTABLE TOLERANCE FOR FLATNESS (.001") REF VP3-2906 DUE: 11-15-94 (MASTER RINK GRANITE SURFACE PLATE) AND .001" SHIM PLATE (VERIFIED BY VP3-2188 DUE: 8-2-90)

WITNESSED 10 EA PISTONS BEING PLACED WITH 10 EA. OF THE CAPS VERIFIED FOR FLATNESS, SO THAT .003" WAS OBTAINED FOR CLEARANCE BETWEEN THE CAP AND PISTON.

THE CAPS AND PISTONS WERE FROM WORK PERFORMED UNDER MWO #'S 19003339 & 19003340 AND MERN 90010557 FOR MWO# A9001255. (NOTE: MERN# 90010556 ALSO USED)

Sketch
N/A

Inspection Results

SAT. UNSAT—ODR/DR NO.(s):

705516A MCS191

Inspector: *Keith D. Clark* Date: 7/20/90

MWO/ORD No./Other

A9001255

J.R. # 35365

Remarks

THE CAPS AND PISTONS WERE NOT INSTALLED
ON THE DIESEL GENERATORS AT THIS TIME.
THEY ARE CONSIDERED SPARE PARTS.

N
A

Inspector

Rhett O. Cheek


Date

7/20/92

Quality Control Inspection Report

VOGTLE GENERATING PLANT—UNITS 1 & 2

35369

Georgia Power 

Page 1 of 1

MWO/ODR/DR No. <u>A 7001815</u>	Building <u>MAINT. SHOP</u>	Procedure/Spec. No./Rev. <u>2757B-C 16</u>
Room No./Level No. <u>TOOL ROOM</u>	Sys./Start-Up Designator <u>2117</u>	Tag No. <u>A 2117 PARTS Q</u>
Drawing No./Rev. <u>N/A</u>	Vendor Manual Log No. <u>N/A</u>	Other <u>85022-C 41</u>

- Inspector will use separate form for each completed inspection function(s) and insert original with work package, use continuation sheets when needed.
- Use simple narrative type report procedure. Reference all applicable drawing numbers, specifications, special instructions, etc., connected with your inspection. Use sketches, when applicable, showing dimensions checked, alignment, physical location of defects found, etc. N/A all blocks not used.
- Upon completion of the inspection activity, enter results below and sign and date.

Remarks VISUALLY VERIFIED IIEA. AIR START VALVE
CAPS TO BE WITHIN TOLERANCE OF .001" FLAT-
NESS, REF MASTER PINK GRANITE SURFACE PLATE
V13-2406 DUE: 11-15-99 AND .001" SHIM PLATE (VERIFIED
BY MICROMETER V13-2188 DUE: 8-2-95)

Sketch



Inspection Results

SAT. UNSAT—ODR/DR NO.(s):

705516A 44-5191

Inspector Shirley O. Cheek Date 7/22/90

14/1

EQ EVALUATION CHECKLIST

FOR USE ON PROJECT CLASSES Q111, Q212,
Q313, C013, Q013, Q11E, Q11J, Q12E, 61J

MWO NO. A9114.255

SECTION I

PART A ORIGINAL PART

- 1. DESCRIPTION AIR START VALVES
- 2. TAG NO. A 2117 PARTS CY
- 3. PROJECT CLASS CYS
- 4. SPECIFICATION (EQOP) NO. X74601
- 5. MANUFACTURER DELTAVAL
- 6. MODEL NO. NH
- 7. PART NO. Y

PART B REPLACEMENT PART

- 1. DESCRIPTION AIR START VALVE SYSTEM
- 2. MFR NO. 106001 10653
- 3. STOCK NO. 29010 26124
- 4. SPECIFICATION (EQOP) NO. V41K01
- 5. MANUFACTURER DELTAVAL
- 6. MODEL NO. NH
- 7. PART NO. 235403/11
- 8. PO NO. 29239

COMMENTS N DISASSEMBLED FOR ENGINE DIESEL

SECTION II WORK PLANNING

- 1. ARE PROCEDURES, VENDOR MANUALS, DRAWINGS OR INSTRUCTIONS AVAILABLE TO DISASSEMBLE/REWORK COMPONENT?
X YES NO
CH (Init.) 17/19/90 (Date)
- 2. ARE SPECIFICATION NUMBERS FOR ORIGINAL AND REPLACEMENT ITEMS THE SAME?
✓ YES NO
- 3. ARE MANUFACTURER MODEL/PART NUMBERS OF THE ORIGINAL AND REPLACEMENT PARTS THE SAME?
✓ YES NO
- 4. IS BULK MATERIAL LISTED ON ATTACHMENT ACCEPTABLE? LIST ITEM NO. FROM ATTACHMENT IF "NO" IS CHECKED.
NH (Item No.) 1 (Init.) 1 (Date)

NOTE

If items 2, 3, or 4 are checked No, the Checklist must be reviewed by the EQ Group.

- PART(S) ARE ACCEPTABLE FOR USE
- SEND TO EQ GROUP

75/11/11 17-31-90
VPC DATE

SECTION III EQ GROUP EVALUATION

- PART IS ACCEPTABLE FOR USE PART IS UNACCEPTABLE FOR USE
- JUSTIFICATION FOR ACCEPTANCE:

NH EQ ENGINEER 1 DATE

FIGURE 3

Material/Equipment Request—NUCLEAR OPERATIONS
 OGTLE ELECTRIC GENERATING PLANT

Q
 BW 7-23-90

COPY 2

Department/Contractor MEOP	Design Change No.	Date 7-23-90	Stores Register No. Jul 7300310660
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Description/Tag	Stock Number	Location	Quantity			P.O. No.	MIR No.	Maint. Work Order	Unit	Account Number	Resp. Center	Anfy. Code
			Ord.	Filled	U/M							
Piston (37281)	4010-26124	0-78-N	1	1	EA	PAV-29239	87022-39	A900-1255	1			

Requested By J. Weaver	Approved By Jim M. Harrison	Filled By RT Hoja	Received By B. Weaver	Date 7-23-90
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Material/Equipment Request—NUCLEAR OPERATIONS
VOGTLE ELECTRIC GENERATING PLANT

Q Multi 7-18-50

ORIGINAL 1

Department/Contractor: MEOP Design Change No. _____ Date: 7-18-50 Stores Register No. JUL 18 1950 010453

Description/Tag	Stock Number	Location	Quantity			P.O. No.	MIR No	Maint Work Order	Unit	Account Number	Resp. Center	Anty. Code
			Ord	Filled	U/M							
<i>Valve Gun Start Assembly</i>	<i>29060-6512</i>	<i>D-62-A</i>	<i>4</i>	<i>2</i>	<i>EA</i>	<i>PAV #12 87 38139</i>	<i>0881 19002355 3340</i>	<i>1</i>				
<i>" "</i>	<i>" "</i>	<i>D-72-A</i>	<i>4</i>	<i>2</i>	<i>EA</i>	<i>PAV #2 85 25350</i>	<i>2545</i>					
<i>" "AN-38850</i>	<i>" "</i>	<i>D-62-A</i>	<i>2</i>	<i>2</i>	<i>EA</i>	<i>PAV #18 87 38139</i>	<i>1120</i>					
<i>" "AN-38853</i>	<i>" "</i>	<i>D-72-A</i>	<i>2</i>	<i>2</i>	<i>EA</i>	<i>CWE #0 85 259975</i>	<i>2545</i>					

BAR CODE ISSUE

Ordered By: *MW Gidg...* Approved By: *MW Gidg...* Filled By: *David R. J...* Received By: *MW Gidg...* Date: *7-18-50*

Materials/Equipment Request - NUCLEAR OPERATIONS
VOGTLE ELECTRIC GENERATING PLANT

Q Muly 7-18-50

Department/Contractor

NEOP

Design Change No.

Date *7-18-50*

Stores Register No. *10453*

COPY 2

Description/Tag	Stock Number	Location	Quantity		P.O. No.	MIR No.	Maint. Work Order	Unit	Account Number	Resp. Center	Anly. Code
			Ord	Filled							
<i>W. L. Co. Stock</i>	<i>25060-6512</i>	<i>D-62-A</i>	<i>4</i>	<i>2</i>	<i>PA 87 2539</i>	<i>87</i>	<i>1500339</i>	<i>1</i>			
<i>"</i>	<i>"</i>	<i>D-72-A</i>	<i>4</i>	<i>2</i>	<i>PA 88 25350</i>	<i>88</i>	<i>2340</i>				
<i>"</i>	<i>"</i>	<i>D-62-A</i>	<i>2</i>	<i>2</i>	<i>PA 87 2539</i>	<i>87</i>					
<i>"</i>	<i>"</i>	<i>D-72-A</i>	<i>2</i>	<i>2</i>	<i>PA 87 2539</i>	<i>87</i>					

Ordered By

MW Gody

Approved By

MW Gody

Filled By

David Co

Received By

MW Gody

Date

7-18-50

Material/Equipment Request—NUCLEAR OPERATIONS
VOGTLE ELECTRIC GENERATING PLANT

DMW 7-18-90

COPY 2

Department/Contractor: NEOP Design Change No. _____ Date: 7-18-90 Storage Register No. JUL 16 1990 10453

Description/Tag	Stock Number	Location	Quantity		P.O. No.	MIR No.	Maint. Work Order	Unit	Account Number	Resp. Center	Army Code
			Ord.	Filled							
<i>Uchic Gas Start</i>	<i>29060-5512</i>	<i>D-62-A</i>	<i>4</i>	<i>2</i>	<i>PH# 87 CA. 9239</i>	<i>87</i>	<i>1508338</i>	<i>1</i>			
<i>" "</i>	<i>" "</i>	<i>D-72-A</i>	<i>4</i>	<i>2</i>	<i>PH# 87 CA. 9239</i>	<i>87</i>	<i>3340</i>				
<i>" "</i>	<i>" "</i>	<i>D-62-A</i>	<i>2</i>	<i>2</i>	<i>PH# 87 CA. 9239</i>	<i>87</i>					
<i>" "</i>	<i>" "</i>	<i>D-72-A</i>	<i>2</i>	<i>2</i>	<i>PH# 87 CA. 9239</i>	<i>87</i>					

Ordered By: *MW Grogan* Approved By: *MW Grogan* Filed By: *Samuel Co* Received By: *MW Grogan* Date: *7-18-90*

1940
L. M. ...
X 3480
B 278 MILLINER

Allen ...
y ...

Don ...

...

Stock Material Return—NUCLEAR OPERATIONS
VOGTLE ELECTRIC GENERATING PLANT

Return To: Nuc. Ops. WHSE.
SMR 90-10531

Returned From: Nuc. Ops. Maint.

Returned Date: 7/20/90
Design Change No.

Description/Tag	Stock Number	Quantity		Account Number	Resp. Center	Anty. Code	Purchase Order	Work Order	Unit	MIR No.	Location
		Returned	Accepted								
Valve, Air-Start 31289	29860 10531	2	2				FAY 237	1900338		1018	D-88-U
<p>* This material was not actually returned to Maint. wanted to request them our about a different MMR number. No tags are needed. I will barcode the new MMR when this is returned on the computer. APR 7/20/90</p>											
<p>The material was received on MMR # 90-10550 MMR number APPROX 1255</p>											
<p>No Tags Needed</p>											
<p>RETURN TO STOCK</p>											
<p>BY: _____</p>											

Returned By: John Tysie Date: 7/20/90 Received By: Rob Nam Date: 7/20/90

OC Approval (Safety Related Only):
Approved By: David Seckert Date: _____

Material/Equipment Request—NUCLEAR OPERATIONS
VOGTLE ELECTRIC GENERATING PLANT

PRM
7-13-90

ORIGINAL 1

Department/Contractor <i>main</i>	Design Change No.	Date 7-13-90	Store Register No. JUL 12 90 010268
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Description/Tag	Stock Number	Location	Quantity			P.O. No.	MIR No.	Maint. Work Order	Unit	Account Number	Resp. Center	Anly. Code
			Ord.	Filled	U/M							
<i>Masket 35009</i>	<i>11610-5310</i>	<i>D-80-6-14</i>	<i>2</i>	<i>2</i>	<i>FD</i>	<i>29239</i>	<i>327</i>	<i>29003028</i>			<i>0210</i>	<i>5021</i>
<i>CRing 31291</i>	<i>2908022340</i>	<i>D-80-D-1</i>	<i>2</i>	<i>2</i>	<i>CB</i>	<i>29239</i>	<i>862048</i>					
<i>CRing 35011</i>	<i>310205260</i>	<i>D-66-F-8</i>	<i>2</i>	<i>2</i>	<i>FD</i>	<i>29239</i>	<i>327</i>					
<i>Assembly 31289</i>	<i>29060-6512</i>	<i>D-62-A</i>	<i>2</i>	<i>2</i>	<i>EA</i>	<i>29239</i>	<i>331</i>					
<i>Piston 37281</i>	<i>2901026124</i>	<i>D-78-N</i>	<i>2</i>	<i>2</i>	<i>FD</i>	<i>29239</i>	<i>327</i>					

BAR CODE ISSUE

Ordered By <i>PRM</i>	Approved By <i>Paul T. Howard</i>	Filled By <i>R. Rose</i>	Received By <i>Paul T. Howard</i>	Date 7-13-90
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VEGP FIRE PROTECTION CHECKLIST

1. MWO NO. 124001257 2. MPL/TAG NO. A31712754

3. LOCATION CRANT SHED

4. WILL THE WORK INSTALL, IMPAIR, MODIFY, ISOLATE, DEFEAT, OR REMOVE ANY OF THE FOLLOWING? IF THE ANSWER IS "YES" CHECK THE BOX, AND INDICATE APPROPRIATE DETAILS.

- () SPRINKLER SYSTEM _____
- () INTERIOR HOSE STATION _____
- () HALON SYSTEM _____
- () DETECTION SYSTEM _____
- () EMERGENCY LIGHTING SYSTEM _____
- () PERMANENT COMBUSTIBLES (CABLE, WOOD, PLASTIC, ETC.) _____
- () STRUCTURAL STEEL, OR RACEWAY FIREPROOFING _____
- () FIRE SUPPRESSION SUPPLY SYSTEM (PUMPS, TANKS, ETC.) _____
- () CONDUIT SEALS OR EQUIPMENT ENCLOSURE (CABINET HOUSING) _____
- () FIRE EXTINGUISHER _____
- () COMMUNICATIONS SYSTEM _____
- () RCP OIL COLLECTION SYSTEM _____
- () SEISMIC STANDPIPE SYSTEM _____

5. WILL THE WORK DEFEAT, MODIFY OR IMPAIR ANY OF THE FOLLOWING FIRE SEPARATION FEATURES? IF THE ANSWER IS "YES" CHECK THE BOX, AND INDICATE APPROPRIATE DETAILS.

- () A. FIRE AREA BOUNDARY (WALL, ETC.) _____
- () B. PASSIVE AREA BOUNDARY PENETRATION SEAL ASSEMBLY.
- PENETRATION SEAL _____
- WALL BLOCKOUT _____
- FLOOR PLUG OR HATCH _____
- CABLE TRAY OR CONDUIT WRAP _____
- RADIANT ENERGY SHIELD _____
- () C. ACTIVE FIRE AREA BOUNDARY PENETRATION SEAL.
- FIRE DOOR _____
- FIRE DAMPER _____

6. IF ALL THE ANSWERS IN BLOCKS 4 and 5 ARE "NO", STOP THE EVALUATION HERE, AND ENTER "NO" IN BLOCK 11 OF THE MWO FORM. IF ANY QUESTIONS WERE ANSWERED "YES", ENTER "YES" IN BLOCK 11 OF THE MWO FORM.

EVALUATOR [Signature] DATE 7/19/01

POST WORK REVIEW (COMPLETE "A, B, OR C" BELOW)

(A) THE CONDITION IMPACTING THE FIRE PROTECTION COMPONENTS LISTED ABOVE HAS BEEN REMOVED. FPE _____ DATE _____

(B) THE FIRE PROTECTION COMPONENT IS STILL IMPAIRED. FPE _____ DATE _____

(C) RESTORATION OF THE IMPAIRMENT HAS BEEN TRANSFERRED (Ref: _____) AND THE FIRE PROTECTION LCO LOG HAS BEEN CHANGED TO REFERENCE THE NEW MWO FOR THIS IMPAIRMENT. FPE _____ DATE _____