

77097

PMK

A-141

GRC II-141

DEFICIENCY CARD

18516

COMPLETED BY INITIATOR	CARD #	1-90-0087	UNIT 1 (M)	UNIT 2 ()	COMMON ()	DOCKETED		
	1: DESCRIPTION OF DEFICIENCY	Intake Intercooler leaks such that water could have leak into intake. Discovered during investigation of MWO 19001256 for a suspected leak.					(ADDITIONAL SHEETS ATTACHED? YES NO)	
	LOCATION OF THE DEFICIENCY?	1A Diesel Generator Intercooler						
	WHAT IS AFFECTED BY THE DEFICIENCY?	Diesel generator operability						
	HOW WAS THE DEFICIENCY DISCOVERED?	Performing Surv. Task						
	EVENT TIME	11:00 AM	DATE	3-10-90	DISCOVERY TIME	11:00 AM	DATE	3-10-90
	DISCOVERED BY?	RAY & Howard		WORK #	3596	DEPT.	Maints	
	2: SHIFT SUPERVISOR REVIEW	NAME OF SS REPORTED TO? E.M. Thornton Jr. TIME 1139 DATE 3/10/90						
	PLANT MODE/CONDITION:	Defueled						
	IS IMMEDIATE NOTIFICATION REQUIRED? YES	<input type="radio"/> NO						
IF YES, 1 HOUR, 2 HOUR, OR 24 HOUR			REPORTED: DATE	TIME				
TECH. SPEC. REQUIRED ACTION TAKEN? YES	NO		<input type="radio"/> N/A					
LIST APPLICABLE TECH. SPEC. SECTION(S)	3.8.1.1, 3.8.1.2		NORMS					
SUMMARIZE COMPENSATORY ACTION TAKEN:	MWO 190 01256 to be revised to plug tubes LCO 1-90-180I already in place							
LCO INITIATED: <input type="radio"/> NO	YES #	190-180I	TYPE: <input type="radio"/> INFO	LCO	FIRE			
WRT INITIATED: <input type="radio"/> NO	YES #							
SIGNATURE OF SS	E.M. Thornton Jr.		TIME	1144	DATE 3/10/90			

COMPLETED BY SS WITHIN 2 HOURS

NUCLEAR REGULATORY COMMISSION
 Docket No. 50-424x425-OLA-3 EXHIBIT NO. GRC II-141
 In the matter of GA. Power Co/Vogtle
 Staff Applicant Intervenor Other
 Identified Received Rejected Reporter WLW
 Date 8-8-95 Witness MOSBOUGH

3: TECHNICAL SUPPORT REVIEW

NSAC EVALUATION/REVIEW (CHECK APPROPRIATE BOX) DATE RECEIVED: 3/12/90

- A. NOT A DEFICIENCY. SEND COPY TO RESPONSIBLE DEPT., CLOSE ORIGINAL.
- B. REPORTABLE DEFICIENCY. REPORT #
- C. DEFICIENCY, NOT REPORTABLE.

COMPLETED IN 1 DAY

EXPLANATION:

Identified deficiency could impact ability of Diesel 1A to perform its intended function. Information LCO 1-90-1801 has been initiated to track completion of corrective action and operability of diesel.

RESPONSIBLE DEPT: Engineering Support

NSAC REVIEWER: M. K. Amish

DATE: 3/12/90

NSAC SUPERVISOR: R. M. Eden

DATE: 3/12/90

4: DISPOSITION, FOR DEFICIENCIES IN ITEM 3C ABOVE ONLY.

COMPLETED IN 1 MONTH BY RESPONSIBLE DEPT.

Repair; Plug each end of the three leaking intercooler tubes using tapered brass plugs. This is an acceptable repair per Cooper Energy Services Representative Robert Johnson. [Ref. attached memo 3/10/90] The cooling capability of the intercooler will not be significantly reduced ~~not~~ ^{per 3/11/90} nor will the plugs create another failure mechanism.

CAUSE CODE: A1

EVENT CODE: 2d

(ATTACH SHEETS FROM 00058-C)

CAUSING DEPT(S): Aircraft

DEPARTMENT MANAGER: ~~Shelton~~ Mike Norton, 7-1190

DATE: 4/1/90

ROOT CAUSE DETERMINATION WORKSHEET

UNIT 1

SHEET 1 OF 1

1. EVENT INVESTIGATED: Three leaking intercooler tubes were found on the left bank intercooler on Diesel Generator 1A. These leaks were noticed during reassembly of the engine following inspections performed per 28713-1.

2. EVALUATOR(S)/INVESTIGATOR(S): Ken Stokes

3. RESULTS OF INVESTIGATION/REVIEW (Include references and attach continuation sheets if needed)

a. CAUSE: Some deterioration of the tubes due to rusting was noticed by maintenance personnel. This condition exists probably because of improper storage methods before installation and operation of the engine during periods of startup with no chemicals in the Jacket Water System to prevent corrosion.

ROOT CAUSE CATEGORY/EVENT CODE: A1 / 9d

b. RECOMMENDED CORRECTIVE ACTION(S): Inspect tubes at 5-year outage for further deterioration and possible replacement.

c. ACTIONS TO PREVENT RECURRENCE: (Complete if not included in b above)
N/A

Resp. Dept. Mgr. Approval: [Signature] DATE: 4/10/90
Estimated Completion Date: 11/1 OIT Number: 19387
Ken Stokes 14/10/90 [Signature] Mike Weston 7-11-90
INVESTIGATOR SIGNATURE DATE RESPONSIBLE MANAGER/ERTL DATE

4. OITs initiated; commitments reviewed; corrective action approved.
[Signature] 1/7/3/90
MANAGER TECHNICAL SUPPORT DATE

FIGURE 1

March 10, 1990

To: Mr. Ken Stokes
Georgia Power Company
Vogtle Electric Generating Plant

From: Robert Johnston
Cooper Energy Services
Enterprise Engine Services

Subject: Enterprise Engine S/N 76021
Left Bank Intercooler

Note: This memo revises information provided by my memo earlier today regarding the left bank intercooler, please disregard the first memo.

Using tapered brass plugs to block off the three left bank intercooler tubes is an acceptable method of repair and will not have an adverse or detrimental affect on engine performance.



Project Engineer

C² Ray Howard
Lance Block

OPEN ITEM TRACKING SYSTEM

(00409-C)

STATUS: OPEN
REASON DELETED:

UNIT ID: 1

CONTROL #: 19387
---MODE---
1 2 3 4 5 6

CURRENT: 900712
ENTERED: 900712
DUE: 900712
CLOSED: 900901

TYPE: OPEN ITEM
DEPARTMENT: ENG SERV
SECTION: GEN ENG
PERSON: M.HORTON

SOURCE DOCUMENT: D.C. 1900087

RELATED DOCUMENTS: CORRECTIVE ACTION

KEYWORDS:
RETURN TO: B. GABBARD

RESOLUTION DOCUMENTS

COMMENTS FOR COMMITMENT 19387

PLEASE NOTE OR ATTACH OBJECTIVE EVIDENCE FOR CLOSURE:
INSPECT D/G INTERCOOLER TUBES AT 5-YEAR OUTAGE FOR FURTHER DETERI
ORATION AND POSSIBLE REPLACEMENT.

RESP. INDIVIDUAL SIGNATURE: _____ DATE: _____

VERIFIED BY: _____ DATE: _____

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