



**Entergy
Operations**

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D. F. Packer
General Manager
Plant Operations
Waterford 3

W3F1-94-0203
A4.05
PR

January 18, 1994

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
Reporting of Licensee Event Report

Gentlemen:

Attached is Licensee Event Report Number LER-93-010-00 for Waterford Steam Electric Station Unit 3. This Licensee Event Report is submitted in accordance with 10CFR50.73(a)(2)(i)(B) and 10CFR50.36(c)(2).

Very truly yours,

D.F. Packer
General Manager
Plant Operations

DFP/RWP/stf
Attachment

cc: J.L. Milhoan, NRC Region IV
G.L. Florreich
J.T. Wheelock - INPO Records Center
R.B. McGehee
N.S. Reynolds
NRC Resident Inspectors Office
Administrator - LRPD

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PDR ADDCK 05000382
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LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THE INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBR 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Waterford Steam Electric Station Unit 3	DOCKET NUMBER (2) 05000 382	PAGE (3) 1 OF 4
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TITLE (4)
Late In Conducting LCO Action For CEAC Out Of Service

EVENT DATE (5)			LER NUMBER (6)			REPORT NUMBER (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
12	18	93	93	010	00	01	18	94	N/A	05000
									N/A	05000

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)			
POWER LEVEL (10) 100	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
	20.405(a)(1)(i)	50.35(c)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	<input checked="" type="checkbox"/> 50.35(c)(2)	50.73(a)(2)(vi)	OTHER
	20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	(Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
	20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME D.W. Vinci, Operations Superintendent	TELEPHONE NUMBER (include Area Code) (504) 464-3178
--	---

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRRDS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On December 18, 1993, Waterford SES Unit 3 was operating in Mode 1 at 100% power complying with Limiting Condition for Operation (LCO) ACTION 6.a of Table 3.3-1 for Technical Specification (TS) 3.3.1. The LCO was entered because one Control Element Assembly Calculator (CEAC) was inoperable. ACTION 6.a states that operation may continue for seven days provided that at least once per four hours each CEA is verified to be within seven inches of all other CEAs in its group. Operations had been performing this required action, but was 74 minutes late for one of the time intervals. Not taking action during the specified time interval resulted in a noncompliance with the TS per TS 3.0.2.

The root cause of this event was inadequate attention to detail. Corrective action for the event included immediately conducting the required action and debriefing of the parties involved in accordance with the Improving Human Performance Program. During the interval that the verification was late, it was determined that all of the applicable CEAs had not moved since the last verification. As a result, this event did not compromise the health and safety of the public. Similar LERs include 91-012 and 92-011.

REQUIRED NUMBER OF DIGITS/CHARACTERS
FOR EACH BLOCK

BLOCK NUMBER	NUMBER OF DIGITS/CHARACTERS	TITLE
1	UP TO 46	FACILITY NAME
2	8 TOTAL 3 IN ADDITION TO 05000	DOCKET NUMBER
3	VARIES	PAGE NUMBER
4	UP TO 76	TITLE
5	6 TOTAL 2 PER BLOCK	EVENT DATE
6	7 TOTAL 2 FOR YEAR 3 FOR SEQUENTIAL NUMBER 2 FOR REVISION NUMBER	LER NUMBER
7	6 TOTAL 2 PER BLOCK	REPORT DATE
8	UP TO 18 - FACILITY NAME 8 TOTAL - DOCKET NUMBER 3 IN ADDITION TO 05000	OTHER FACILITIES INVOLVED
9	1	OPERATING MODE
10	3	POWER LEVEL
11	1 CHECK BOX THAT APPLIES	REQUIREMENTS OF 10 CFR
12	UP TO 50 FOR NAME 14 FOR TELEPHONE	LICENSEE CONTACT
13	CAUSE VARIES 2 FOR SYSTEM 4 FOR COMPONENT 4 FOR MANUFACTURER NPRDS VARIES	EACH COMPONENT FAILURE
14	1 CHECK BOX THAT APPLIES	SUPPLEMENTAL REPORT EXPECTED
15	6 TOTAL 2 PER BLOCK	EXPECTED SUBMISSION DATE

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8	UP TO 18 -- FACILITY NAME 8 TOTAL -- DOCKET NUMBER 3 IN ADDITION TO 05000	OTHER FACILITIES INVOLVED
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13	CAUSE VARIES 2 FOR SYSTEM 4 FOR COMPONENT 4 FOR MANUFACTURER NPRDS VARIES	EACH COMPONENT FAILURE
14	1 CHECK BOX THAT APPLIES	SUPPLEMENTAL REPORT EXPECTED
15	6 TOTAL 2 PER BLOCK	EXPECTED SUBMISSION DATE

**LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION**

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Waterford Steam Electric Station Unit 3	05000 382	93	-- 010	-- 00	2 of 4

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

REPORTABLE OCCURRENCE

On December 18, 1993 at 1714 hours Waterford 3 was operating at 100% power with LCO ACTION 6.a of TS 3.3.1 in effect. The LCO was entered because one CEAC (EIIS Identifier JC-CPU) was inoperable. ACTION 6.a states that operation may continue for seven days provided that at least once per four hours each CEA is verified to be within seven inches of all other CEAs in its group. Operations had been performing this required action, but was 74 minutes late for one of the action time intervals. In accordance with TS 3.0.2, a noncompliance with a technical specification existed because the requirements of an LCO's associated ACTION was not met within the specified time interval; therefore, per 10CFR50.73(a)(2)(i)(B) and 10CFR50.36(c)(2) the event is reportable as an LER.

INITIAL CONDITIONS

Plant Power:	100%
Mode:	1
Procedure Being Performed Specific to this Event:	None
Technical Specification LCO's in Effect Specific to this Event:	3.3.1
Major Equipment Out of Service Specific to this Event:	None

EVENT DESCRIPTION

On December 18, 1993, with Waterford 3 operating in Mode 1 at 100% power, the LCO of TS 3.3.1 was entered when CEAC #1 failed and was declared inoperable. The CEACs are digital computers designed to monitor analog inputs corresponding to CEA positions. The CEACs provide output signals for continuous display of CEA positions to the operator. CEAC data is also transmitted to the Plant Monitoring Computer for data processing. ACTION 6.a of Table 3.3-1 for TS LCO 3.3.1 states that with one CEAC inoperable operation may continue for seven days provided that at least once per four hours each CEA is verified to be within seven inches of all other CEAs in

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Waterford Steam Electric Station Unit 3	05000 382	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 4
		93	- 010	- 00	

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

its group. Operations personnel were tracking the performance of the action statement requirement on a Technical Specification Addendum Logsheet. The action was performed within the required time interval on December 18, 1993 at 0056, 0455, 0831 and 1202. Some of the verifications were performed earlier than required to preclude exceeding the required interval. At 1714 it was realized that the action due at 1602 had not been performed. At 1716 the CEA Calculation Report was printed and it was verified that all of the applicable CEAs were within seven inches of each other and determined that no CEA movement had occurred since that last report was printed.

CAUSAL FACTORS

The root cause of this event was inattention to detail.

IMMEDIATE CORRECTIVE MEASURES

Immediate corrective action for this event was to obtain the CEA Calculator Report and verify that each CEA to be within seven inches of all other CEAs in its group.

ACTIONS TO PREVENT RECURRENCE

The follow-up corrective action was the debriefing of the parties involved in accordance with the Improving Human Performance Program. In addition, each Shift Supervisor will brief his shift on this event. This will be completed by March 14, 1994.

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Waterford Steam Electric Station Unit 3	05000 382	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	4 OF 4
		93	-- 010 --	00	

TEXT (If more space is required, use additional copies of NRC Form 366A) (17)

SAFETY SIGNIFICANCE

This event did not compromise the health and safety of the public because it was determined that no CEA movement had occurred during the time the action statement was not being met. The CEA Calculator Report verified all applicable CEAs to be within seven inches of each other and the three Annunciator Windows that monitor CEA deviation within the affected subgroup did not alarm.

SIMILAR EVENTS

LER-92-011 and LER-91-012 reported similar events in which the action requirements of technical specifications were not performed within specified periodicity. In LER-92-011 a Component Cooling Water System grab sample was taken late and in LER-91-012 offsite power availability checks were not completed within the specified time intervals.

• ILN: _____

WATERFORD 3 DOCUMENT ROUTING FORM

DATE 01/07/94

TITLE	ACR	INITIAL/DATE	CC	
President & CEO				DOCNO: W3F1-94-0203
Chief Operating Officer				DOCDATE: <u>01/18/94</u>
Vice President, Operations, Waterford 3				Subject: LER-93-010-00
•Site Administrative Programs Coordinator				
•General Manager - Plant Operations	SI	<i>gn</i>		To: (NRC) Document Control Desk
••Operations & Maintenance Manager				
••Technical Services Manager				From: D.F. Packer (RWP)
••Planning & Scheduling Manager				
••Security & General Support Manager				
••Industrial Safety Specialist				Comments/Initials:
<u>J. W. VWEI</u>		<i>DW 1/17/94</i>		
•Director Plant Modification & Construction				NRC DUE DATE: TUESDAY 01/18/94
••Modification Management Supervisor				PORC: THURSDAY 01/13/94
••Project Management Coordinator				
••Construction Manager				
••Modification Sched. & Estimating Supv.				
•Director Site Support				Resolution/Initials:
••Site Business Services Manager				
••Emergency Planning & Admin. Manager				
••Management Prog. & Excellence Coord.				
••Materials, Purchasing & Contracts Mgr.				
•Director Nuclear Safety	AP	<i>RB 1/14/94</i>		For Regulatory Correspondence Only
••Licensing Manager	AP	<i>RB 1/14/94</i>		TO BE COMPLETED BY THE ORIGINATOR
••Technical Support Coordinator				1. This document contains commitments
••Policy & Directives Coordinator				<input checked="" type="checkbox"/> Yes. Commitment Evaluation Form completed
••Quality Assurance Manager				<input type="checkbox"/> No
••Operational Experience Engineering Mgr.				
<u>L.R. LeBlanc</u>	DR	<i>see 1/11/94</i>		2. This document will cause a change to the FSAR
•Training Manager				<input type="checkbox"/> Yes. License Document Change Request completed
••Operations Training Supervisor				<input checked="" type="checkbox"/> No
••Simulator Training Supervisor				
••Maintenance Training Supervisor				3. This document requires validation in accordance with W4 802
••Technical Training Supervisor				<input type="checkbox"/> Yes. The validation process is complete
••Engrg. Training & Accred. Supervisor				<input checked="" type="checkbox"/> Yes. However the process is incomplete
•Director Design Engineering				<input type="checkbox"/> No
••Safety & Engineering Analysis Manager				Licensing Concurrence:
••Electrical/I&C Principal Engineer				
••Mechanical/Civil Principal Engineer				Return to:
••Procurement/Programs Engineering Mgr.				
•Others				ROY PRADOS #6632
<u>R.W. Prados</u>	OR	<i>RWP 1/7/94</i>		
<u>T.J. Gaudet</u>	DR	<i>TJG 1/11/94</i>		

ACR - ACTION REQUESTED DR - DOCUMENT REVIEW SI - SIGNATURE ILN - INCOMING LOG NUMBER
 AC - ACTION FI - FILE CC - COPY REQUIRED
 AP - APPROVAL IN - FOR INFORMATION DOCNO - DOCUMENT NUMBER
 CD - CROSS DISCIPLINE REVIEW OR - ORIGINATOR DOCDATE - DOCUMENT DATE Rev. Date 1/27/93