

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Waterford Steam Electric Station Unit 3	DOCKET NUMBER (2) 0 5 0 0 0 3 8 2	PAGE (3) 1 OF 03
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TITLE (4)
Insufficient Tracking of Surveillance Resulted in Mode Change Without Performing Surveillance on the Boric Acid Makeup Tank

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
03	22	86	86	006	0	04	21	86	N/A		0 5 0 0 0
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)											

OPERATING MODE (9) 4	POWER LEVEL (10) 0 0 0	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(b)	20.406(c)(1)	20.406(c)(2)	20.406(c)(3)	20.406(c)(4)	20.406(c)(5)	20.406(c)(6)	20.406(c)(7)	20.406(c)(8)	20.406(c)(9)	20.406(c)(10)	20.406(c)(11)	20.406(c)(12)	20.406(c)(13)	20.406(c)(14)	20.406(c)(15)	20.406(c)(16)	20.406(c)(17)	20.406(c)(18)	20.406(c)(19)	20.406(c)(20)	20.406(c)(21)	20.406(c)(22)	20.406(c)(23)	20.406(c)(24)	20.406(c)(25)	20.406(c)(26)	20.406(c)(27)	20.406(c)(28)	20.406(c)(29)	20.406(c)(30)	20.406(c)(31)	20.406(c)(32)	20.406(c)(33)	20.406(c)(34)	20.406(c)(35)	20.406(c)(36)	20.406(c)(37)	20.406(c)(38)	20.406(c)(39)	20.406(c)(40)	20.406(c)(41)	20.406(c)(42)	20.406(c)(43)	20.406(c)(44)	20.406(c)(45)	20.406(c)(46)	20.406(c)(47)	20.406(c)(48)	20.406(c)(49)	20.406(c)(50)	20.406(c)(51)	20.406(c)(52)	20.406(c)(53)	20.406(c)(54)	20.406(c)(55)	20.406(c)(56)	20.406(c)(57)	20.406(c)(58)	20.406(c)(59)	20.406(c)(60)	20.406(c)(61)	20.406(c)(62)	20.406(c)(63)	20.406(c)(64)	20.406(c)(65)	20.406(c)(66)	20.406(c)(67)	20.406(c)(68)	20.406(c)(69)	20.406(c)(70)	20.406(c)(71)	20.406(c)(72)	20.406(c)(73)	20.406(c)(74)	20.406(c)(75)	20.406(c)(76)	20.406(c)(77)	20.406(c)(78)	20.406(c)(79)	20.406(c)(80)	20.406(c)(81)	20.406(c)(82)	20.406(c)(83)	20.406(c)(84)	20.406(c)(85)	20.406(c)(86)	20.406(c)(87)	20.406(c)(88)	20.406(c)(89)	20.406(c)(90)	20.406(c)(91)	20.406(c)(92)	20.406(c)(93)	20.406(c)(94)	20.406(c)(95)	20.406(c)(96)	20.406(c)(97)	20.406(c)(98)	20.406(c)(99)	20.406(c)(100)
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LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER	
NAME R.E. Allen, Chemistry Department Head		AREA CODE 5 0 4	NUMBER 4 6 4 - 3 1 2 9

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)		<input checked="" type="checkbox"/> NO	

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

At approximately 2130 hours on March 22, 1986 Waterford Steam Electric Station Unit 3 was in mode 4 (hot shutdown) (Waterford was returning to power following the completion of a surveillance/maintenance outage) when operations personnel, while reviewing the mode 4 Operable Equipment List, discovered that the weekly surveillance for the in service Boric Acid Makeup Tank (BAMT) (the A tank) (CB) had not been performed since March 10, 1986. The surveillance in question, which is outlined in Technical Specification 4.1.2.8a, required the in-service tank to be sampled once per seven (7) days during hot shutdown through power operations. Waterford was out of the mode of operability from March 8 to March 22, 1986. Although attempted on March 17, 1986, the surveillance was not performed prior to entering mode 4 at 1440 hours on March 22, 1986. Upon verification of the deficiency, operations personnel placed the A BAMT in the recirculation mode in order to facilitate sampling. At 0444 hours on March 23, 1986 Chemistry personnel recorded a satisfactory surveillance.

The error has been attributed to a lack of a sufficient means to track the numerous short frequency and conditional surveillances which the Chemistry Department is required to perform. This problem will be corrected by developing a mode change checklist which will enable chemistry personnel to quickly ascertain the status of their surveillances. This checklist will ensure that all of the chemistry surveillances are completed prior to changing modes.

Since the samples taken on March 10 and March 23, 1986 proved to be satisfactory, and since the Refueling Water Storage Pool (BP) was operable and capable of providing sufficient borated water if needed, this event did not pose a threat to the health and safety of the public.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 6	- 0 0 6	- 0 0	0 2	OF	0 3

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

At approximately 2130 hours on March 22, 1986 Waterford Steam Electrical Station Unit 3 was in mode 4 (hot shutdown) (Waterford was returning to power following the completion of a surveillance/maintenance outage) when operations personnel, while reviewing the mode 4 Operable Equipment List, discovered that the weekly surveillance for the in-service Boric Acid Makeup Tank (BAMT) (the A tank) (CB) had not been performed prior to entering mode 4 at 1440 hours on March 22, 1986. The surveillance in question, which is outlined in Technical Specification 4.1.2.8a, requires the in-service tank to be sampled once per seven (7) days. A review of the surveillance logs revealed that the surveillance was last performed on March 10, 1986. However, since Waterford was out of the mode of operability (mode 5, cold shutdown) from March 8 to March 22, 1986, a surveillance was not required until the plant entered Mode 4.

Chemistry personnel, as a rule, continue to sample the in-service BAMT even though the plant is outside the mode of operability. Therefore, a chemistry technician attempted to sample the A BAMT on March 17, 1986. However, when he entered the tank room he noticed that the A BAMT Makeup Pump (CB) was tagged out. Because of this, no sample could be taken. The Chemistry Technician placed the surveillance notice back in the file such that it would be performed on the normally scheduled day of the following week. Since Waterford was out of the mode of operability, no further action was taken.

On March 21, 1986, in preparation for entering mode 4, plant personnel verified that all surveillances were complete prior to changing modes. Generally, this is done via the Maintenance Planning and Scheduling System. However, since the surveillance mentioned above is not tracked on the Maintenance Planning and Scheduling System, chemistry personnel failed to identify the required surveillance. Therefore, the Mode 5 Entering Mode 4 Checklist (Attachment 8.2 of procedure OP-10-001, "General Plant Operations") was signed on March 21, 1986 by operations and chemistry personnel.

Upon verification of the above deficiency, operations personnel, at 2310 hours on March 22, 1986 placed the A BAMT into the recirculation mode, and at 0444 hours on March 23, 1986 Waterford satisfactorily completed the subject surveillance.

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		-	0 0 6	-	0 0	0 3 OF 0 3

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

Since the Chemistry Department has numerous surveillances which are not tracked via the Maintenance Planning and Scheduling System (surveillance with frequencies less than two weeks or conditional surveillances), it is difficult for chemistry personnel to verify that all of their surveillances have been satisfactorily completed prior to changing modes. In order to correct this problem, chemistry personnel will compile a mode change checklist. This checklist will enable chemistry personnel to accurately identify any outstanding surveillance prior to changing modes. Also, the Chemistry Department Head will instruct chemistry personnel to reschedule their surveillances on a more timely basis. The rescheduling will be coordinated through the Shift Supervisor and/or Control Room Supervisor. Since the Chemistry Department, as mentioned above, has numerous surveillances which are difficult to track, this problem is considered unique to this department.

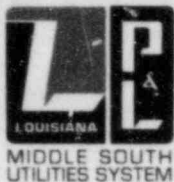
Although the appropriate surveillance was not performed prior to entering mode 4, the results of the March 10 and March 23, 1986 sample proved to be satisfactory. In addition the Refueling Water Storage Pool (BP) was operable and capable of providing sufficient borated water if needed. Therefore, this event did not pose a threat to the health and safety of the public.

SIMILAR EVENTS

NONE

PLANT CONTACT

R. Allen, Chemistry Department Head, 504/464-3129



LOUISIANA
POWER & LIGHT

WATERFORD 3 SES • P.O. BOX 8 • KILLONA, LA 70066-0751

April 21, 1986

W3A86-0037

A4.05

QA

Director, Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: Document Control Desk

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

Dear Sir:

Attached is Licensee Event Report Number LER-86-006-00 for Waterford 3.
This Licensee Event Report is submitted per 10CFR50.73(a)(2)(i).

Very truly yours,

R.P. Barkhurst
Plant Manager - Nuclear

RPB/LWL/wp

Attachment

cc: R.D. Martin, G.W. Knighton, J.H. Wilson, NRC Resident Inspectors Office,
INPO Records Center (J.T. Wheelock), B.W. Churchill, W.M. Stevenson

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