

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Wolf Creek Generating Station	DOCKET NUMBER (2) 0 5 0 0 0 4 8 2	PAGE (3) 1 OF 0 4
--	--------------------------------------	----------------------

TITLE (4) Technical Specification Violation - Wired Glass Insert Discovered In Fire Door Causes Loss Of Three-Hour Fire Rating

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)																
1	2	2	3	8	7	8	7	-	0	5	9	-	0	0	0	1	2	2	8	8			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) 5	20.402(b)	20.406(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0	20.405(a)(1)(i)	50.38(e)(1)	50.73(a)(2)(v)	73.71(c)
	20.405(a)(1)(ii)	50.38(e)(2)	50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
	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 Merlin G. Williams - Superintendent of Regulatory, Quality and Administrative Services	TELEPHONE NUMBER AREA CODE 3 1 6 3 6 4 - 8 8 3 1
--	--

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
B	N	F	D	R					
			C	1	7	6		N	

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/>	NO		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
---	-------------------------------------	----	--	-------------------------------	-------	-----	------

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

On December 23, 1987, it was determined that a violation of Technical Specifications had occurred because Door 14051, the Auxiliary Building Filtration Unit Room Number B Door, was not an acceptable three-hour fire rated barrier.

The cause of this event is that Door 14051 is improperly Underwriter Laboratory labelled as a three-hour fire protection rated door even though a wired glass insert is installed in the door. Investigations concerning the design, procurement, installation, and work history of Door 14051 were unsuccessful in determining the root cause of how or when the wired glass insert was installed. The unacceptable fire protection rating of Door 14051 was not previously identified because whether the door contained glass or not was not an inspected attribute.

A Fire Impairment Control Permit was issued against Door 14051 on December 23, 1987. Fire watches have been established and are being maintained. Door 14051 will be replaced with a door which conforms to design requirements. An inspection of required fire doors will be conducted to ensure that the door type conforms with the design drawing.

8802010132 880122
PDR ADDCK 05000482
S PDR

IE 22
1/1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Wolf Creek Generating Station	DOCKET NUMBER (2) 0 5 0 0 0 4 8 2 8 7	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		87	0519	010	02	OF 04

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

INTRODUCTION

On December 23, 1987, it was determined that a violation of Technical Specification 3.7.11, which requires that all fire barrier penetrations separating safety related fire areas be operable, had occurred because Door 14051, the Auxiliary Building Filtration Unit Room Number B Door [NF-DR] was not in accordance with design criteria and was not an acceptable three-hour fire rated barrier. This event is being reported pursuant 10CFR 50.73(a)(2)(i)(B), as a condition prohibited by the plant's Technical Specifications. At the time of discovery, the plant was operating in Mode 5, Cold Shutdown, with the Reactor Coolant System [AB] at approximately 183 degrees Fahrenheit.

DESCRIPTION OF EVENT

On December 23, 1987, at 1100 CST, while on a routine inspection tour the Fire Protection Coordinator noticed that Door 14051 contained a wired glass window insert. Both the code in effect at the time Door 14051 was delivered and the current National Fire Protection Association Code (NFPA 80), 1986 edition, Paragraph 1-7.2 state, "Glass shall not be used in either doors having a three-hour fire protection rating or doors having a 1 1/2 hour fire protection rating for use in severe exterior fire exposure locations." Door 14051 is located in a three-hour fire protection rated wall [NF] location and the door is required to have a three-hour fire protection rating.

As a result of this discovery, a Fire Impairment Control Permit was issued against Door 14051 on December 23, 1987, by the Fire Protection Coordinator. A hourly fire watch on this area [NF], as required by Technical Specifications for an inoperable fire barrier, had already been established as a result of an unrelated inspection activity (Licensee Event Report 87-010-01) and will be maintained until the fire barrier is operable.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Wolf Creek Generating Station	DOCKET NUMBER (2) 0 5 0 0 0 4 8 2	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 7	- 0 5 9	- 0 0	0 3	OF 0 4

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

ANALYSIS OF EVENT

Based on a review of records and discussion with site personnel and the door vendor, it was determined that Door 14051 was manufactured and delivered to Wolf Creek in 1981. A review of the records failed to reveal if the door contained a wired glass window when it was received at Wolf Creek. The installed Door 14051 was Quality Control inspected on July 18, 1984. This inspection verified various door attributes including door swing, Underwriters Laboratory (UL) label attached, proper fire protection rating of UL label and proper door hardware. The UL label attached to Door 14051 is a three-hour fire protection label and was verified in this 1984 inspection. The vendor indicates that a glass should not have been installed in a three-hour fire protection rated door. A review of records has failed to identify whether Door 14051 contained a wired glass insert when it was received, however, there have been no records found which indicate the door was modified after receipt at Wolf Creek.

ROOT CAUSE AND CORRECTIVE ACTION

The cause of this event is that Door 14051 is improperly UL labelled as a three-hour fire protection rated door even though a wired glass insert is installed in the door.

Investigations concerning the design, procurement, installation, and work history of Door 14051 were unsuccessful in determining the root cause of how or when a glass window insert was installed in Door 14051.

The unacceptable fire protection rating of the wired glass insert in Door 14051 was not previously identified because whether the door contained glass or not was not an inspected attribute. The UL label fire protection rating was inspected and the UL label on Door 14051 is three-hour fire protection rated. Based on discussion with the vendor and an Engineering review, the UL label installed on Door 14051 is incorrect, the door with glass insert is not three-hour fire protection rated.

A Fire Impairment Control Permit was issued against Door 14051 on December 23, 1987. Fire watches in accordance with Technical Specifications have been established and are being maintained. Door 14051 will be replaced with a door which conforms to design requirements. An inspection of required fire doors will be conducted to ensure that the door type conforms with the design drawing.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Wolf Creek Generating Station	DOCKET NUMBER (2) 0 5 0 0 0 4 8 2 8 7	LER NUMBER (3)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		87	059	010	04	OF	04

TEXT (if more space is required, use additional NRC Form 368A's) (17)

ADDITIONAL INFORMATION

Door 14051 is a hollow metal door manufactured by Ceco Corporation of Oak Brook, Illinois. The door is installed in a three-hour fire protection rated wall. The fire area protected by this fire wall is equipped with an automatic detection system [IC] that alarms locally and in the control room [NA]. The fire brigade was available to respond to a fire in this fire area. No fire has occurred in this area. This supports the conclusion that this condition did not affect the public health and safety.

Door 14051 has been installed since before receipt of the Operating License in March, 1985. Since then, the unit [AB-RCT] has operated in Mode 6, Refueling, through Mode 1, Power Operation, at power levels up to 100 percent of Rated Thermal Power.

Previous reportable occurrences of installation not in accordance with design requirements are discussed in Licensee Event Reports 85-017-00, 85-078-01, 85-083-01, 86-043-00, and 87-031-00. Corrective actions discussed in these reports were specific to those events and had no relationship to the event discussed in this report.

WOLF CREEK

NUCLEAR OPERATING CORPORATION

Bart D. Withers
President and
Chief Executive Officer

January 22, 1988

WM 88-0021

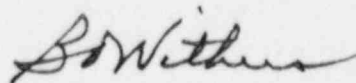
U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

Subject: Docket No. 50-482: Licensee Event Report 87-059-00

Gentlemen:

The attached Licensee Event Report (LER) is submitted pursuant to 10 CFR 50.73 (a) (2) (i) concerning a Technical Specification violation.

Very truly yours,



Bart D. Withers
President and
Chief Executive Officer

BDW/lik

Attachment

cc: B. L. Bartlett (NRC), w/a
R. D. Martin (NRC), w/a
P. W. O'Connor (NRC), 2 w/a

JEZZ
1/1