



Illinois Power Company
Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Tel 217 935-5623
Fax 217 935-4632

Wilfred Connell
Vice President

U-602666
2C.220
WC-354-96
November 20, 1996

Docket No. 50-461

10CFR50.73

Document Control Desk
Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Clinton Power Station - Unit 1
Licensee Event Report No. 96-015-00

Dear Sir:

Enclosed is Licensee Event Report No. 96-015-00: Unplanned Engineered Safety Feature Actuation of Eight Containment Isolation Valves During Performance of Surveillance Procedure. This report is being submitted in accordance with the requirements of 10CFR50.73.

Sincerely yours,

Wilfred Connell
Vice President

MRS/csm

Enclosure

cc: NRC Clinton Licensing Project Manager
NRC Resident Office, V-690
Regional Administrator, Region III, USNRC
Illinois Department of Nuclear Safety
INPO Records Center

9612020067 961120
PDR ADOCK 05000461
S PDR

LICENSEE EVENT REPORT (LER)

(See reverse for required number of
digits/characters for each block)ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS MANDATORY
INFORMATION COLLECTION REQUEST: 60.0 HRS. REPORTED LESSONS
LEARNED ARE INCORPORATED INTO THE LICENSING PROCESS AND FED BACK
TO INDUSTRY. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE
INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S.
NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND
TO THE PAPERWORK REDUCTION PROJECT (3180-0104), OFFICE OF
MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

Clinton Power Station

DOCKET NUMBER (2)

05000461

PAGE (3)

1 OF 3

TITLE (4)

Unplanned Engineered Safety Feature Actuation of Eight Containment Isolation Valves During Performance of
Surveillance Procedure

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 NAME	DOCKET NUMBER
10	26	96	96	015	00	11	20	96	None	05000
									FACILITY NAME	DOCKET NUMBER
									None	05000
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)								
5		20.2201(b)			20.2203(a)(2)(v)			50.73(a)(2)(i)		50.73(a)(2)(viii)
POWER LEVEL (10)		20.2203(a)(1)			20.2203(a)(3)(i)			50.73(a)(2)(ii)		50.73(a)(2)(x)
0		20.2203(a)(2)(i)			20.2203(a)(3)(ii)			50.73(a)(2)(iii)		73.71
		20.2203(a)(2)(ii)			20.2203(a)(4)			X	50.73(a)(2)(iv)	OTHER
		20.2203(a)(2)(iii)			50.36(c)(1)				50.73(a)(2)(v)	Specify in Abstract below or in NRC Form 366A
		20.2203(a)(2)(iv)			50.36(c)(2)				50.73(a)(2)(vii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

R. C. Reichert, Senior Specialist-Engineering

TELEPHONE NUMBER (Include Area Code)

(217) 935-8881, Extension 3970

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)

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
X YES (If yes, complete EXPECTED SUBMISSION DATE).	NO		01	15	97

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On October 26, 1996, the plant was in Mode 5 (Refueling) and Operations personnel were performing Clinton Power Station (CPS) procedure 9080.21, "Diesel Generator 1A-ECCS Integrated." Only portions of the surveillance procedure were performed because parts of the procedure had been previously completed successfully. During the performance of the surveillance procedure there was an unexpected actuation of eight containment isolation valves associated with the drywell cooling and chilled water systems.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)	DOCKET	LER NUMBER (6)			PAGE (3)
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	
Clinton Power Station	05000461	96	015	00	2 OF 3

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

DESCRIPTION OF EVENT

On October 26, 1996, the plant was in Mode 5 (Refueling) with the reactor pressure vessel (RCT) head removed and the pool over the reactor pressure vessel being maintained at greater than 23 feet above the reactor pressure vessel flange. Operations Department personnel were preparing to perform Clinton Power Station (CPS) surveillance procedure 9080.21, "Diesel Generator 1A-ECCS Integrated." Only part of this surveillance procedure was being performed because portions of the procedure had been successfully performed several days earlier. In order to conduct the surveillance procedure, a temporary procedure deviation (TPD) was prepared in order to allow several changes to the procedure to align components so that only the portion of the surveillance procedure that had not been completed could be performed. The TPD to the surveillance procedure was reviewed by a management staff and the Operations Shift Supervisor, a licensed senior reactor operator, as required by plant procedures. The sections of the surveillance procedure that had been successfully performed were noted as not required, as allowed by plant procedures.

At 0413 hours Operations personnel began performing surveillance procedure 9080.21. At about 0530 hours plant operators, during review of main control room panels discovered that eight Division I containment isolation valves (ISV) associated with the drywall cooling (VP) (VB) and plant chilled water systems (WO) (KM) were closed and began a review to determine why the containment isolation valves had closed. At about 0700 operators identified that steps in section 8.3 of the surveillance procedure, that would have prohibited the VP and WO containment isolation valves from closing, were not performed. These steps were not performed because they were part of the surveillance procedure that had been successfully completed earlier and were noted as not required as allowed by plant procedures. When the TPD to perform portions of the surveillance was prepared it was not recognized that the steps in section 8.3, that prohibited the movement of the VP and WO containment isolation valves, were necessary to prevent actuation of these valves for the portion of the surveillance procedure that was being performed. At about 0906 hours the VP and WO containment isolation valves were restored to their normal positions using plant procedures.

No automatic or manually initiated safety system responses were necessary to place the plant in a safe and stable condition. No other equipment or components were inoperable at the start of this event to the extent that their inoperable condition contributed to this event.

CAUSE OF THE EVENT/CORRECTIVE ACTION

The cause of the unplanned closure of the VP and WO system containment isolation valves is under investigation. The corrective action for this event will be determined after the cause is identified. Illinois Power expects to issue a revision to this licensee event report identifying the cause of the event, corrective action, an assessment of safety consequences and implications of the event and similar event discussion by January 15, 1997.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

FACILITY NAME (1)	DOCKET	LER NUMBER (6)			PAGE (3)
Clinton Power Station	05000461	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	3 OF 3
		96	015	00	

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

ANALYSIS OF EVENT

This event is reportable under the provisions of 10CFR50.73(a)(2)(iv) due to the unplanned closure of containment isolation valves for the VP and WO systems, an engineered safety feature actuation.

An assessment of the safety consequences and implications of this event has not yet been completed. This information will be provided in a revision to this report.

ADDITIONAL INFORMATION

No equipment or components failed during this event.

Previous similar event information will be provided in a revision to this report.

For further information regarding this event, contact R. C. Reichert, Senior Specialist-Engineering at (217) 935-8881, extension 3970.