

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Nine Mile Point Unit #1										DOCKET NUMBER (2) 0 5 0 0 0 2 2 0				PAGE (3) 1 OF 3		
TITLE (4) Radiological Habitability of Technical Support Center																
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)			
06	10	85	85	011	00	07	10	85					0 5 0 0 0			
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)														
N		20.402(b)				20.406(c)				50.73(a)(2)(iv)				73.71(b)		
POWER LEVEL (10)		20.406(a)(1)(i)				50.38(e)(1)				50.73(a)(2)(v)				73.71(c)		
100		20.406(a)(1)(ii)				50.38(c)(2)				50.73(a)(2)(vii)				X OTHER (Specify in Abstract below and in Text, NRC Form 368A)		
		20.406(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)						
		20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)						
		20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)				Voluntary Report		
LICENSEE CONTACT FOR THIS LER (12)																
NAME Robert Randall, Supervisor, Technical Support										TELEPHONE NUMBER 3 1 5 3 4 1 9 1 2 4 4 5						
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS						
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR		
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO						

ABSTRACT (Limit to 1600 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

## ABSTRACT

On June 10, 1985, during normal operation, a review performed by the Corporate Engineering Department determined that the radiological habitability of the Technical Support Center (TSC) may not have been consistent with NUREG 0737 Supplement 1 8.2.1.F. The Nine Mile Point Site TSC is being relocated to a more advantageous location with respect to radiation shielding. This event does not constitute an LER per 10 CFR 50.73 but is being prepared and submitted as a voluntary LER because it may be of some concern or help to other nuclear power plants.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Nine Mile Point Unit #1	0 5 0 0 0 2 2 0	8 5	0 1 1	0 0	0 2	OF 0 3

TEXT (If more space is required, use additional NRC Form 356A's (17))

TEXT

On June 10, 1985, during normal operation, a review performed by the Corporate Engineering Department determined that the radiological habitability of the Technical Support Center (TSC) may not have been consistent with NUREG 0737 Supplement 1 8.2.1.F. NUREG 0737 Supplement 1 8.2.1.F states "The TSC will be provided with radiological protection and monitoring equipment necessary to assure that radiation exposure to any person working in the TSC would not exceed 5 rem whole body, or its equivalent to any part of the body, for the duration of the accident." Three companies were contracted to determine the radiological habitability of the Emergency Response Facilities. Since the results of the three companies were not consistent with one another a fourth company was asked to review the other companies results. After reviewing the other companies results the fourth company determined that the TSC's habitability may have been unacceptable per NUREG 0737. The Nine Mile Point Site TSC is being relocated to a more advantageous location with respect to radiation shielding. This event does not constitute an LER per 10 CFR 50.73 but is being prepared and submitted in the LER form because it may be of some help or concern to other nuclear power plants. Although actual doses received by individuals during a real accident may cause the evacuation of the present TSC, sufficient back up assessment capabilities exist at the control room and the Emergency Operations Facility (EOF). The Nine Mile Point Site Emergency Plan addresses this and provides the procedural steps to relocate the various assessment functions in this instance.

ASSESSMENT OF SAFETY CONSEQUENCES

There were no safety consequences arising out of this condition because:

- 1) Adequate instrumentation for the monitoring of the radiation levels in the TSC is available and would be used while the TSC was in operation.
- 2) All needed assessment functions can be provided in either the control room or the EOF.
- 3) The Nine Mile Point Site Emergency Plan provides the required procedures and guidance to relocate the various assessment functions if necessary.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT (If more space is required, use additional NRC Form 356A's) (17)

CORRECTIVE ACTION

The Nine Mile Point Site TSC is being relocated and adequate shielding will be provided to insure that the accumulated dose of whole body radiation does not exceed the limits set forth in NUREG 0737.

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202

July 10, 1985

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555

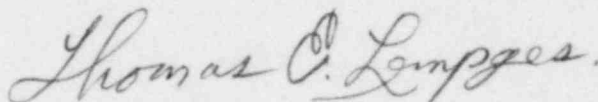
RE: Docket No. 50-220  
LER 85-11

Gentlemen:

This report does not constitute a LER per 10 CFR 50.73, but is being submitted due to its significance and that it may be of some help or concern to other nuclear power licensees.

This report was completed in the format designated in NUREG-1022, dated September 1983.

Very truly yours,



Thomas E. Lempges  
Vice President  
Nuclear Generation

TEL/tg  
cc: Dr. Thomas E. Murley  
Regional Administrator

Attachment

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