Entergy

Entergy Nuclear Generation Company
Pilgrim Nuclear Power Station
600 Rocky Hill Road
Plymouth, MA 02360

J. F. Alexander
Director
Nuclear Assessment

October 25, 1999
ENGC Ltr. 2.99.112

10 CFR 50.73

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

Docket No. 50-293
License No. DPR-35

The enclosed Licensee Event Report (LER) 99-011-00, "Postulated Fire in Cable Spreading Room Potentially Affecting Safe Shutdown," is submitted in accordance with 10 CFR 50.73.

Except for the submittal of a supplement to this report, this letter contains no commitments.

Please do not hesitate to contact me if there are any questions regarding this report.

Sincerely,

J. F. Alexander

DWE/sc
Enclosure

cc: Mr. Hubert J. Miller
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Sr. NRC Resident Inspector
Pilgrim Nuclear Power Station

INPO Records
700 Galleria Parkway
Atlanta, GA 30339-5957

IE22

299112

NRC Form 366 (6-1998)

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT (LER)

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

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE(3)
PILGRIM NUCLEAR POWER STATION	05000-293	1 of 1

TITLE (4) Postulated Fire in Cable Spreading Room Potentially Affecting Safe Shudown

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 N/A	DOCKET NUMBER 05000
09	22	1999	1999	011	00	10	25	99	FACILITY NAME N/A	DOCKET NUMBER 05000

OPERATING MODE (9): N

POWER LEVEL (10): 100

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR: (Check one or more) (11)

	20.2201 (b)		20.2203(a)(2)(v)		50.73(a)(2)(i)		50.73(a)(2)(viii)
	22.2203(a)(1)		20.2203(a)(3)(i)	X	50.73(a)(2)(ii)(B)		50.73(a)(2)(x)
	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)		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	TELEPHONE NUMBER (Include Area Code)
Douglas W. Ellis - Regulatory Affairs Senior Engineer	(508) 830-8160

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX

SUPPLEMENTAL REPORT EXPECTED (14)

			EXPECTED SUBMISSION DATE(15)	MONTH	DAY	YEAR
X	YES (If yes, complete EXPECTED SUBMISSION DATE)			11	15	99

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

On September 22, 1999, a condition outside the design basis was identified. Specifically, a postulated fire in the cable spreading room (CSR) could potentially affect the alternate shutdown panel of an emergency diesel generator (EDG) and hence, the ability of one (or both) EDG(s) to sufficiently power AC powered electrical loads necessary to achieve or maintain safe shutdown. The postulated fire could limit EDG electrical output because EDG watt-meter cabling in the CSR was not protected as part of 10 CFR 50 Appendix R modifications.

The preliminary root cause analysis could not determine the exact cause. The original design of the alternate shutdown panels was developed in the 1978 - 1979 time frame and additional modifications were added in the 1986 - 1987 time frame. Fire watches for the potentially affected alternate shutdown panels were established in accordance with Technical Specification 3.12. The operability of the EDGs is not affected. This report will be supplemented after the root cause analysis is completed. Corrective action being evaluated includes revision of a procedure for a shutdown outside of the control room.

The condition was identified during power operation while at 100 percent reactor power. The reactor vessel pressure was about 1034 psig with the reactor vessel water temperature at the saturation temperature for that pressure. The condition posed and poses no threat to public health and safety.