



PECO NUCLEAR

A Unit of PECO Energy

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10CFR50.73

January 23, 1997

Docket No. 50-353
License No. NPF-85

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

SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 2

This LER reports a Unit 2 manual reactor scram, a Reactor Protection System actuation, resulting from a failure of a ball joint which connects the reactor recirculation pump motor generator set scoop tube to the tube positioner. An analysis revealed the ball joint failed from high stress reverse bending fatigue from low amplitude low frequency vibration induced by the fluid coupler.

Reference:	Docket No. 50-353
Report Number:	2-96-009
Revision Number:	00
Event Date:	December 24, 1996
Report Date:	January 23, 1997
Facility:	Limerick Generating Station P.O. Box 2300, Sanatoga, PA 19464-2300

This LER is being submitted pursuant to the requirements of 10CFR50.73(a)(2)(iv).

Very truly yours,

cc: H. J. Miller, Administrator Region I, USNRC
N. S. Perry, USNRC Senior Resident Inspector, LGS

IF 22/1

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PDR ADOCK 05000353
S PDR