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(	Init !	Scram	Cau	sed by #4	Turbine	Con	trol	Valve	Fast	Closure						
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OPE	RATING		THIS RE	PORT IS SUBMITTE	D PURSUANT	TO THE R	EQUIREM	ENTS OF 10	CFR 8: /C	heck one or more	of the following) (1	13				
MODE (9) 4			20.	20.402(ь)			20.406(e)			X 50.73(a)(2)(iv)			73.71(b)			
POWER		26.	26.408(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(e)				
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				COMPLETE	ONE LINE FOR	EACH CO	OMPONEN	T FAILURE	DESCRIBE	D IN THIS REPO	RT (13)					
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## Corrective Actions

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

YES (If yes, complete EXPECTED SUBMISSION DATE)

As suspected, the 90% closed limit switch was stuck in the closed position. Due to the intense heat near the control valves, it was decided to remove the switch and determine the exact cause of its failure in the Maintenance Department shop. The switch was replaced with a likefor-like replacement. The investigation performed on the switch revealed that the failure could not be determined, as the switch functioned as designed when bench-tested.

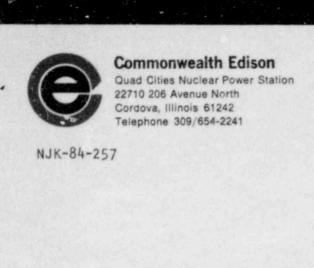
The wire that was lifted, so that this event would not reoccur while the defective switch was still in place, was relanded. The half-scram signal associated with the control valve's fast closure solenoid being energized was then successfully tested. The temporary procedure that was written to allow testing of the control valves with the switch in this condition was discontinued. Modification M-4-1(2)-84-20 is now being

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NRC Form 366A (9-83)	LICENSEE EVENT R	EPORT (LER) TEXT CONTIN		U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104 EXPIRES: 8/31/85				
FACILITY NAME (1)		DOCKET NUMBER (2)		LER NUMBER (	3)	PAGE (3)		
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## Corrective Actions (continued)

processed and will provide indication, in the Control Room, of when the 90% closed limit switches are picked-up. This will aid the Operator when executing procedure QOS 5600-1, Weekly Turbine Tests, by indicating to him whether it is safe to proceed. This modification, once implemented, will prevent this event from occurring again at this facility.



August 30, 1984

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

Reference: Quad-Cities Nuclear Power Station
Docket Number 50-265, DPR-30, Unit Two

Enclosed please find Licensee Event Report (LER) 84-007, Revision 1, for Quad-Cities Nuclear Power Station.

This supplemental report is submitted to you in accordance with the requirements of the Code of Federal Regulations, Title 10, Part 50.73(a)(2)(iv), to inform you of the corrective actions taken due to the Unit Two scram caused by the #4 Turbine Control Valve going fast closed.

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N. J. Kalivianakis
Station Superintendent

NJK: DBC/bb

Enclosure

A. Morrongiello
INPO Records Center
NRC Region III

IEZ