



Commonwealth Edison

Quad Cities Nuclear Power Station
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Telephone 309/654-2241

TKT-85-52

October 1, 1985

Mr. Edson G. Case, Deputy Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Case:

Enclosed please find a listing of those changes, tests, and experiments completed during the month of September, 1985, for Quad-Cities Station Units 1 and 2, DPR-29 and DPR-30. A summary of the safety evaluation is being reported in compliance with 10 CFR 50.59.

Thirty-nine copies are provided for your use.

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

T. K. Tamlyn
Services Superintendent

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Enclosure

cc: J. Wojnarowski

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Modification M-4-1-81-17

Description

This modification was initiated to install additional supports on the control rod drive insert and withdrawal lines inside and outside the Drywell. These additional supports were required due to the results of a seismic review of the control rod drive lines performed by EDS Nuclear, Inc. From the results of the review, it was determined that the existing supports did not meet the FSAR criteria for support stresses; thus, additional supports were required.

Evaluation

No new systems or components were added by this modification. The existing hangers were modified to increase the hanger's loading capabilities; thus, increasing the reliability of the control rod drive insert and withdrawal lines. No new safety aspects were introduced by the installation of this modification.

Modification M-4-1-85-34

Description

10 CFR 50.49 "Environmental Qualification (EQ) of Electrical Equipment Important to Safety for Nuclear Power Plants" requires that certain equipment located in a "harsh" environment at the time of the Design Basis Accident for which that equipment is designed to mitigate, must be "qualified" to function in that accident environment. The operators on the two Core Spray Injection Valves had their motors replaced. These replacement motors are without brakes as the original motors had. Brakes cannot be qualified.

Evaluation

The replacement items are one-for-one replacements, the function remains unchanged, and all the valve interfaces remain the same. The level of safety will remain the same and could be seen as increased since the new motors meet the requirements of 10 CFR 50.49 and are considered Environmentally Qualified.