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November 1, 1984

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 October 1984, 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.

Very truly yours,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION

N. J. Kalivianakis
Station Superintendent

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Enclosure

cc: B. Rybak

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Modification M-4-1(2)-78-20

Description

Additional local instrumentation has been installed in the RCIC room to allow local startup and control of the RCIC pump. The instrumentation includes ON/OFF switches for the vacuum pump and the Condensate pump; Reactor water level, and pump speed and flow indicators. This modification was performed to satisfy a NRC commitment for Fire Protection safe shutdown.

Evaluation

This modification enhances the RCIC System since the Operator has more effective control of the RCIC pump during local operation. All instruments and switches are equivalent in design to existing installed equipment.

Modification M-4-1-81-2

Description

This modification installed Marathon terminal blocks in the Drywell junction boxes associated with the Electromatic Relief Valves 1-203-3B, 3C, 3D, and 3E. The existing junction boxes were replaced with larger boxes in order to accommodate the blocks. The Marathon terminal blocks were environmentally qualified and have a qualified voltage rating of 240 volts. The modification was accomplished by replacing the existing junction boxes with larger ones and installing the Marathon terminal blocks inside.

Evaluation

The installation of Marathon terminal blocks increases the margin of safety by providing a method of making environmentally qualified electrical connections. In addition, the qualification of these blocks provides assurances that the Electromatic Relief Valves will function as designed when needed.

Modification M-4-1-80-22

Description

This modification upgraded the anchorage of various safety related instrument racks, MCC's, buses, and distribution panels in order to seismically qualify them. The modification is a result of I.E. information notice 80-21, "Anchorage and Support of Safety-Related Electrical Equipment". The upgrade was accomplished by installing braces or additional welds.

Evaluation

The additional bracing of the equipment and foundations on which that equipment rests will improve the capability of this equipment to withstand a seismic event.