Commonwealth Edison
Quad Cities Nuclear Power Station
22710 206 Avenue North
Cordova, Illinois 61242
Telephone 309/654-2241

8005060148

NJK-80-148

April 30, 1980

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 April, 1980, 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 R. F. Janecek

M-4-1/2-75-29

Piping Restraints

Description of Modification

This modification involved the installation of additional piping restraints on high energy lines. The purpose of the new restraints is to mitigate the consequences of a high energy line break outside the primary containment.

Summary of Safety Evaluation

The new restraints do not replace any existing restraints and are being added to further insure adequate protection of safety systems in the event of a line break. The installed restraints are of a passive nature and do not have a potential for malfunction which could affect existing systems.

M-4-1/2-77-37

Diesel Generator Accumulator Check Valves

Description of Modification

A check valve was installed in the discharge line of the "C"-"D" diesel generator air start accumulator pair. This modification will prevent blowdown of both accumulator pairs in the event of a rupture in the "C"-"D" accumulator pair.

Summary of Safety Evaluation

This modification will not affect the design function of the standby diesel generator or the air compressors. The starting capability of the diesel generator is enhanced by eliminating the possibility of blowdown of the A-B accumulators through a C-D accumulator rupture. The possibility for additional accidents or malfunctions were not created.

M-4-2-80-7

Group I Primary Containment Isolation
Reset Circuit

Description of Modification

The modification involved changing the Group I Primary Containment isolation reset circuitry such that the control switches for all of the applicable Group I valves must be in the closed position before the isolation signal can be reset. This modification will prevent automatic opening of these valves when the isolation signal is reset. This modification was installed per an NRC commitment (reference NUREG 0578).

Summary of Safety Evaluation

The possibility of a different type of accident or malfunction than previously evaluated in the FSAR is reduced since automatic opening of the valves upon reset has been eliminated, thus avoiding accidental automatic valve opening.