



Commonwealth Edison

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

NJK-79-412

November 8, 1979

Mr. Edison G. Case, Deputy Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, DC 20555

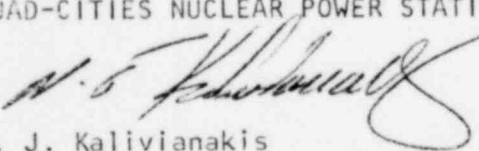
Dear Mr. Case:

Enclosed please find a listing of those changes, tests, and experiments completed during the month of October, 1979 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

NJK/LFT/san

Enclosure

cc: R. F. Janeczek

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M-4-1/2-76-44

RIVER COMPOSITE SAMPLE SYSTEM

Description of Modification

This modification involved the installation of a new river water sampling system which will enable the station to obtain representative background radiation level information from the Mississippi River. The new system collects river water samples upstream of the station, which are then pumped to a sample tank. This modification was installed because the previous sample system obtained samples from the inlet bay and did not obtain representative river samples during closed cycle operation of the cooling canal.

Summary of Safety Evaluation

The operation of this system has no bearing on safe plant operation. The intended function of the sampling system remains unchanged, however the new system will provide improved monitoring capability of the background radiation levels of the Mississippi River. Consequently plant releases can be more reliably monitored resulting in a greater margin of safety.

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