



Commonwealth Edison

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

NJK-84-191

June 5, 1984

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

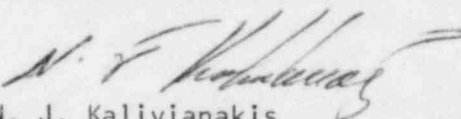
Dear Mr. Case:

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

Respectfully,

COMMONWEALTH EDISON COMPANY
QUAD-CITIES NUCLEAR POWER STATION


N. J. Kalivianakis
Station Superintendent

NJK:DK/bb

Enclosure

cc B. Rybak

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Drywell Cooler, RBCCW Pump Trip Logic Change

M-4-2-80-31

Description

In December, 1980, a Unit Two scram and Group I Isolation occurred. The Electromatic Relief Valves were used to control Reactor pressure. A leaky flange on a relief valve discharge line caused the Drywell to exceed 2 psig. The high pressure tripped the Drywell coolers and RBCCW pumps, thus eliminating any method of cooling the Drywell and reducing the pressure. This modification eliminates the 2 psig trip of the coolers and pumps. The coolers and RBCCW pumps will only trip on a loss of off-site power, via Bus 13 and Bus 14 undervoltage relays. The Drywell coolers are designed to operate up to approximately 5 psig. The coolers are administratively controlled to be tripped if pressure rapidly exceeds 5 psig to prevent damage to the Drywell coolers.

Evaluation

The 2 psig trip of the Drywell coolers and RBCCW pumps was originally installed to prevent the blower motors from overheating due to the higher air density. Their operation will have no affect on the existing automatic load shed features of the circuitry that are initiated by a loss of off-site power.