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

NJK-79-369

October 8, 1979

Mr. Edson 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 September, 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. Janecek

1185 277

A005 1/1

7910190300

## Modification M-4-2-78-24

## Redundant 125 VDC Battery Charger

### DESCRIPTION OF MODIFICATION

This modification involved installing a redundant 125 VDC battery charger on Unit 2 and converting the present Unit 1/2 125 VDC charger to a Unit 1 redundant 125 VDC battery charger. This eliminates the need for a tie between Unit One and Unit Two 125 VDC battery chargers and increases the reliability of the system.

### SUMMARY OF SAFETY EVALUATION

The margin of safety will be improved with the new system since each unit will have its own individual backup charger. And since the interconnecting cables between the units will be removed, the probability of a failure propagating from one unit to the other is greatly minimized.

## Special Test 2-28

## Exxon ENC Hydraulic Test

PURPOSE:

The purpose of this test was to describe a procedure for hydraulic testing of an 8 X 8 R fuel assembly by ENC at Quad-Cities Nuclear Power Station. A new 8 X 8 fuel assembly was inserted into a ENC hydraulic testing fixture, where various hydraulic characteristics will be determined.

SUMMARY OF SAFETY EVALUATION:

All fuel handling was performed within the confines of the Unit One reactor building using standard fuel handling procedures which has been approved. Generic procedures reviewed under this Special Test Review and found acceptable when accompanied by a Station Temporary Procedure were used by ENC personnel. All fuel maneuvers were standard operations and were within the assumptions of the FSAR evaluations. Other activities did not create accident potential greater than the fuel bundle drop accident considered in the FSAR. No activities during this test caused release rates greater than those assumed for the Technical Specifications.