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AUG 23 1977

Docket Nos. 50-237/50-249
 and 50-254/50-265

Commonwealth Edison Company
 ATTN: Mr. R. L. Bolger
 Assistant Vice President
 P. O. Box 767
 Chicago, Illinois 60690

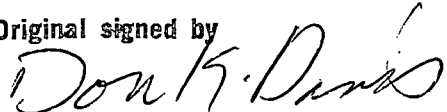
Gentlemen:

RE: DRESDEN NUCLEAR STATION UNIT NOS. 2 AND 3
 QUAD-CITIES NUCLEAR STATION UNIT NOS. 1 AND 2

The NRC has completed its initial evaluation of the BWR feedwater nozzle and control rod drive (CRD) line return nozzle cracking phenomena and experience to date. This evaluation has considered examination results reported by BWR owners, theoretical analyses of the causes of the cracking and propagation, and studies of potential remedial measures to minimize crack initiation and growth for the short term and also to eliminate the causes of cracking for the longer term. The enclosed staff report presents our position regarding feedwater nozzle and CRD nozzle cracking and includes inspection criteria to be used by licensees to monitor crack growth until such time as the causes of cracking have been eliminated.

As indicated in Part I, Section 7 and Part II, Section 5 of this report, you should provide a detailed description of your proposed inspection program, 90 days prior to the next refueling outage for each BWR facility.

Sincerely,

Original signed by

 Don K. Davis, Acting Chief
 Operating Reactors Branch #2
 Division of Operating Reactors

Enclosure:
 Staff Report

cc w/enclosure:
 See next page

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SURNAME	RBevan:esp	PWO'Connor	RPSnaider	DKDavis		
DATE	8/23/77	8/23/77	8/22/77	8/23/77		

Commonwealth Edison Company

- 2 -

August 23, 1977

cc

Mr. Charles Whitmore
President and Chairman
Iowa-Illinois Gas and
Electric Company
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