

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

AUG 23 1977

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

Gentlemen:

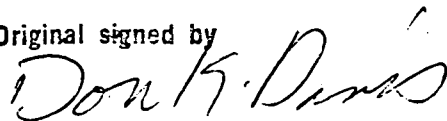
RE: DRESDEN NUCLEAR STATION UNIT NOS. 2 AND 3
QUAD-CITIES NUCLEAR STATION UNIT NOS. 1 AND 2

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

misc 4
By

OFFICE →	DOR:ORB-2 <i>RBevan</i>	DOR:ORB-2	DOR:ORB-2	DOR:ORB-2 <i>DKDavis</i>		
SURNAME →	RBevan:esp	PWO'Connor	RPSnaider	DKDavis		
DATE →	8/23/77	8/23/77	8/22/77	8/23/77		



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

August 23, 1977

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Sincerely,

A handwritten signature in black ink, appearing to read "Don K. Davis".

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

Enclosure:
Staff Report

cc w/enclosure:
See next page

Commonwealth Edison Company

- 2 -

August 23, 1977

cc

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Electric Company
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