

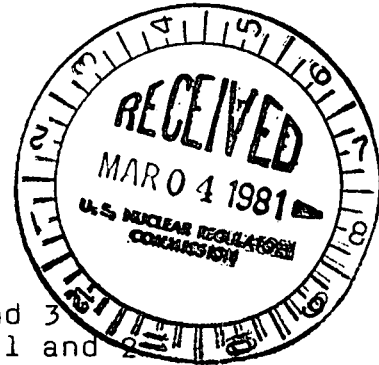


Commonwealth Edison
One First National Plaza, Chicago, Illinois
Address Reply to: Post Office Box 767
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*Central
files*

February 25, 1981

Mr. James G. Keppler, Director
Directorate of Inspection and
Enforcement - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137



Subject: Dresden Station Units 2 and 3
Quad Cities Station Units 1 and 2
Zion Station Units 1 and 2
Monthly Report of Status of IE
Bulletin 79-14 Evaluations
NRC Docket Nos. 50-237/249, 254/265,
and 295/304

Reference (a): J. G. Keppler letter to C. Reed dated August 18,
1980

Dear Mr. Keppler:

In accordance with the request of Reference (a) the following monthly status report is provided for your use regarding the evaluations performed at Dresden, Quad Cities, and Zion Stations in response to IE Bulletin 79-14.

At Zion Station Unit 1, analysis of the pressurizer relief lines indicated one line where the calculated stress exceeded $2.4 S_H$. The section of line where the overstress occurred is non-safety related, and the corrective action necessary to meet original design requirements is being developed.

For Dresden and Quad Cities Stations, Enclosure 1 provides the list of Dresden 2 systems where pipe stresses exceed FSAR allowables but are below the operability criteria. Enclosure 2 provides the high pipe stress is due to local stress concentrations induced by the lug attachment to the piping. This support will be deleted during the current refueling outage. The Dresden 3 HPCI system was reviewed and it was determined that the units are sufficiently different to prevent application of the Dresden 2 analysis results, since Dresden 3 has one additional seismic restraint on the system. Drawings identifying the overstressed locations identified in Enclosures 1 and 2 are also provided.

*Oversize drawings available
in RIII admin. files*

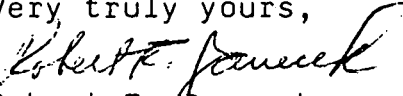
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Mr. James G. Keppler, Director
February 25, 1981
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Please address any questions concerning this matter to this office.

Very truly yours,


Robert F. Danecek
Nuclear Licensing Administrator
Boiling Water Reactors

Enclosure

cc: Director, Division of Reactor
Operations Inspection

RIII Inspector, Dresden
RIII Inspector, Quad Cities
RIII Inspector, Zion

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Enclosure 1

TABULATION OF PIPING SYSTEMS WITH STRESSES
 ABOVE FSAR LEVELS AND BELOW INITIAL ACCEPTANCE ALLOWABLES

<u>Plant-Unit</u>	<u>System</u>	<u>Problem No.</u>	<u>Node No.</u>	<u>OBE Primary Stress (PSI)</u>	<u>1.2 Sh</u>	<u>Isometric No.</u>
Dresden 2	HPCI	09B(C)	7 11	18097 20671	18000 18000	D2-HPCI-09B(C) Rev. 1
Dresden 2	LPCI	09C	18	19401	17280	D2-LPCI-09C Rev. 0
Dresden 2	LPCI	10C	18	19401	17280	D2-LPCI-10C Rev. 0
Dresden 2	RWCU	01B(C)	A1	17744	17352	D2-RWCU-01B/C Rev. 0
Dresden 2	RWCU	02B(C)	10	22894	17280	D2-RWCU-02B(C) Rev. 2
Dresden 2	RRCI	01C ¹	82A	19684	17280	D2-RRCI-01C Rev. 0
Dresden 2	RRCI	01C ¹	4055	29953	17280	↓
Dresden 2	RRCI	01C ¹	5060	18203	17280	
Dresden 2	RRCI	01C ¹	C42B	26755	17280	
Dresden 2	RRCI	01C ¹	C51B	24499	17280	
Dresden 2	RRCI	01C ¹	4050	27698	17280	

¹ Supersedes D2-RRCI-01C stress levels reported in November status report. Stresses at node 5015 and 4016 deleted due to walkdown information during outage.

Enclosure 2

TABULATION OF PIPING SYSTEMS WITH STRESSES
 ABOVE INITIAL ACCEPTANCE ALLOWABLES

<u>Plant-Unit</u>	<u>System</u>	<u>Problem No.</u>	<u>Node No.</u>	<u>SSE Primary Stress (PSI)</u>	<u>2đy</u>	<u>Isometric No.</u>
Dresden 2	HPCI	09B(C)	18	$>\sigma_{ult}$	53720	D2-HPCI-09B(C) Rev. 1