



**Commonwealth Edison**

One First National Plaza, Chicago, Illinois

Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

June 15, 1982

Mr. James G. Keppler, Regional Administrator  
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  
Final Response to I.E. Bulletin  
81-01, Rev. 1, Surveillance of  
Mechanical Snubbers  
NRC Docket Nos. 50-237/249 and  
50-254/265

- References (a): J. G. Keppler letter to Cordell  
Reed dated March 4, 1981.
- (b): T. J. Rausch letter to J. G. Keppler  
dated March 27, 1981.
- (c): E. D. Swartz letter to J. G. Keppler  
dated June 9, 1981.
- (d): E. D. Swartz letter to J. G. Keppler  
dated January 14, 1982.
- (e): J. D. Hegner letter to L. DelGeorge  
dated April 28, 1982.

Dear Mr. Keppler:

Reference (b) provided the Commonwealth Edison Company schedule for testing and inspection of mechanical snubbers installed on safety-related systems at our Dresden and Quad Cities Stations in accordance with Reference (a) requirements. Accordingly, References (c) and (d) provided the results of the inspections performed for our Dresden Station Unit 2 and Quad Cities Station Unit 2, respectively. The attachment to this letter provides our final response for Dresden Station Unit 3.

Reference (e) amended the Dresden and Quad Cities Stations Technical Specifications (Amendments 70, 62, 76 and 70 to DPR-19, 25, 29, and 30, respectively) to indicate visual inspection and functional test requirements for safety-related mechanical snubbers. As a result, the Senior Resident NRC Inspector at our Quad Cities Station was consulted with as to whether or not compliance with Bulletin 81-01 requirements for our Quad Cities Station Unit 1 would still be required in view of these recently issued Technical Specification Amendments. The Senior Resident Inspector informed us that no further action is necessary on Bulletin 81-01. This was

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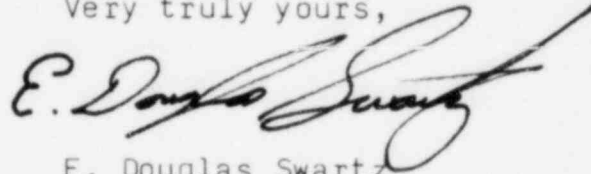
based upon his conversations with Mr. I. T. Yin of your office on May 12, 1982. Therefore, contrary to our commitments made in Reference (b), the Quad Cities Station Unit 1 safety-related mechanical snubbers will not be tested per I.E. Bulletin 81-01 requirements during the upcoming Fall, 1982 refueling outage, but rather testing and inspections will be performed in accordance with the new Technical Specification requirements.

Based upon the above and the attachment to this letter, we believe the Bulletin 81-01 submittal requirements are now complete for our Dresden and Quad Cities Stations.

To the best of my knowledge and belief, the statements contained herein and in the attachment are true and correct. In some respects these statements are not based upon my personal knowledge but upon information furnished by other Commonwealth Edison employees. Such information has been reviewed in accordance with Company practice and I believe it to be reliable.

Please address any questions that you or your staff may have concerning this matter to this office.

Very truly yours,

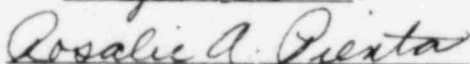


E. Douglas Swartz  
Nuclear Licensing Administrator

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cc: Director of NRC Office of  
Inspection and Enf.  
Washington, D.C. 20555  
Region III Inspector - Dresden  
Region III Inspector - Quad Cities  
Roby B. Bevan - ORB-2  
Joseph D. Hegner - ORB 2

SUBSCRIBED AND SWORN to  
before me this 15th day  
of June, 1982.

  
Notary Public

ATTACHMENT

COMMONWEALTH EDISON COMPANY

Dresden Station Unit 3 - Response to I.E. Bulletin  
81-01, Revision 1, Item #4.

Dresden Station has performed the visual examination and functional testing of the installed safety related mechanical snubbers on Unit 3 during the recent refueling outage. No abnormalities were discovered during these visual examinations.

The visual examination was conducted in the following manner. The inspection consisted of a check on the cold piston setting (indicating abnormal pipe movement), an investigation for possible visible damage of the snubbers and its attachments indicating an inoperable snubber, and an inspection of the structural attachments and piping for visual damage due to snubber failure.

The functional test consisted of a verification of freedom of movement by taking the snubbers and applying sufficient force to fully stroke the snubbers in both compression and tension modes. The snubbers were not allowed to bottom out, thus preventing possible damage to the internals and ensuring that snubber integrity was maintained during the test.

There was one mechanical snubber #23, in the reactor clean-up system, that was found to be questionable during its functional testing. The questionable snubber was sent to Wyle Lab for full load testing. As a result of full load testing, the snubber was found inoperable and DVR 12-3-82-18/R082-16 was written. Consultation with the vendor has revealed that the snubber probably failed due to overloading from a one time shock load. The snubber has been replaced with a new hydraulic snubber (HSSA-10). The Station is evaluating possible design changes to mitigate the chance of future failures.

The results of the visual inspection and functional testing indicate that all the mechanical snubbers were operational except snubber #23.

The attached table lists the number of snubbers inspected, their manufacturer, model number, and size as required by Item 4b.

DJS LTR: 82-603

ATTACHMENT

<u>Manufacturer</u>	<u>Model No.</u>	<u>Size</u>	<u>Number</u>	<u>Status at Time of Functional Test</u>
Pacific Scientific Co.	PSA-10	15 Kips	10	Unit 3: Have been installed inside drywell
Pacific Scientific Co.	PSA-10	15 Kips	4	Unit 3: Removed from drywell per IEB 79-14
Pacific Scientific Co.	PSA-35	50 Kips	16	Unit 3: Have been installed inside drywell
Pacific Scientific Co.	PSA-35	50 Kips	2	Unit 3: Removed from drywell per IEB 79-14
Pacific Scientific Co.	PSA-10	15 Kips	11	Unit 3: Prior to installation in drywell for SRV modification
Pacific Scientific Co.	PSA-35	50 Kips	1	Unit 3: Prior to installation in drywell for IEB 79-14
Pacific Scientific Co.	PSA-10	15 Kips	2	Unit 3: Prior to installation in drywell for IEB 79-14
Pacific Scientific Co.	PSA- $\frac{1}{4}$	0.35 Kips	6	Unit 3: Prior to installation for SDV modification
Pacific Scientific Co.	PSA- $\frac{1}{2}$	0.65 Kips	1	Unit 3: Prior to installation for SDV modification
Pacific Scientific Co.	PSA-1	1.5 Kips	7	Unit 3: Prior to installation for SDV modification
Pacific Scientific Co.	PSA-10	15 Kips	2	Unit 3: Prior to installation for SDV modification