



**Commonwealth Edison**  
One First National Plaza, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

WPW Ltr.#775-73

Dresden Nuclear Power Station  
R. R. #1  
Morris, Illinois 60450  
October 15, 1973

Mr. James G. Keppler, Regional Director  
Directorate of Regulatory Operations - Region III  
U. S. Atomic Energy Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

**SUBJECT: INSPECTION OF BERGEN-PATERSON HYDRAULIC SHOCK SUPPRESSORS  
AT DRESDEN NUCLEAR POWER STATION, AEC DKT 50-237.**

References: 1) Directorate of Regulatory Operations Bulletin 73-4  
2) Notification of Region III of AEC Regulatory Operations  
Telephone: Mr. F. Maura, 1430 hours on October 10, 1973

Dear Mr. Keppler:

This letter is to report information concerning the station's second inspection of Bergen-Paterson hydraulic shock suppressors on Unit #2. The unit was shutdown on October 5, 52 days after the initial snubber outage, to perform a second inspection as required by Directorate of Regulatory Operations Bulletin 73-4.

Inspection of all 43 Bergen-Paterson snubbers on Unit 2 indicated all were operable, and all exhibited overall integrity. There were, however, five (5) snubbers in the drywell that had a slightly low oil level indication on the snubber accumulator. The oil level was not low enough to consider them inoperable. It is believed that this condition for four of the five snubbers resulted from improper filling following the previous installation during the initial inspection and overhaul, since no fluid leaks were evident. The low oil level on the fifth snubber (I.D.#21) can be attributed to a loose fill connection found during overhaul.

Two (2) snubbers from the drywell (I.D.#21 and 24) were removed and dismantled to determine seal condition. The two were chosen on the basis of one being typical of the ones in the higher temperature area of the drywell and the second had slightly low oil level. The seals of both snubbers were found to be stiff, but still capable of providing an effective seal. The oil level was increased on the other four snubbers before initiating power ascension. An attached list records piston rod extension and fluid level indicator positions.

OCT 18 1973

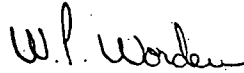
Mr. James G. Keppler

-2-

October 15, 1973

A permanent program for the modification and periodic reinspection of hydraulic shock suppressors has not yet been established. This program will be developed following the reinspections to be performed on Quad-Cities Unit 2 and Dresden Unit 3. To establish the basis for this program, the results of laboratory testing currently being performed by Commonwealth Edison, General Electric, and Bergen-Paterson must also be evaluated.

Sincerely,



W. P. Worden  
Superintendent

WPW:do

cc: AEC Corr. File

SNUBBERS IN DRYWELL

<u>Station I.D.</u>	<u>Piston Rod Position (In.)</u>	<u>Fluid Level Indicated Position (In.)</u>
1	3	5 (low)
2	3.5	3
3	3.5	4
4	3.25	6 (low)
5	3.75	2
6	4	3.5
7	3.5	3.5
8	3.25	3
9	4	3.5
10	3	3
11	3.5	3.5
12	3.75	4
13	3.5	5.5 (low)
14	3.75	6 (low)
15	4	3.75
16	3.75	1
17	4.5	5
18	2.5	2.5
19	2.5	2
20	3	3.5
21	5	6 (low)
22	2.75	3
23	4	3.5
24	3.75	2.5
25	5	5.5
26	3.5	3
27	4	3.5
28	3.5	3
29	3.5	2.5
30	3.5	3
31	3.25	3

SNUBBERS ON TORUS

<u>Station I.D.</u>	<u>Piston Rod Position (In.)</u>	<u>Fluid Level Indicated Position (In.)</u>
2	3	3
3	2.5	3
4	3	3
5	3	3
7	3	3.5
8	3	3
9	3	3
10	3	3
12	3	3
13	3	3
15	3	3
16	3	3