

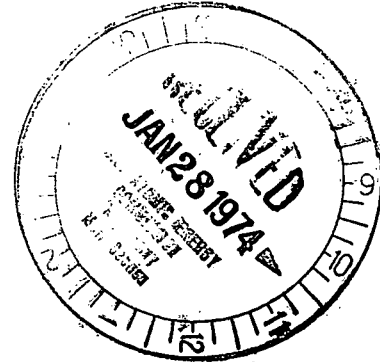
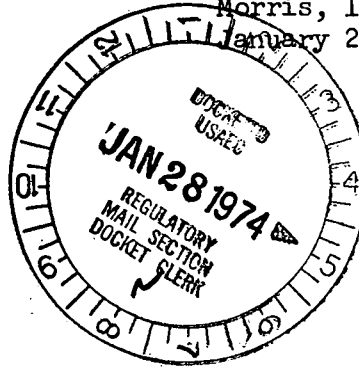


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WFW Ltr #53-74

Dresden Nuclear Power Station  
 R. R. #1  
 Morris, Illinois 60450  
 January 23, 1974

**Regulatory Docket File**



Mr. J. F. O'Leary, Director  
 Directorate of Licensing  
 U. S. Atomic Energy Commission  
 Washington, D. C. 20545

**SUBJECT: INSPECTION OF BERGEN-PATERSON HYDRAULIC SHOCK SUPPRESSORS AT DRESDEN NUCLEAR POWER STATION UNIT #3, AEC DKT 50-249**

- References:
- 1) Letter from Mr. D. J. Skovholt to Mr. J. S. Abel dated October 1, 1973
  - 2) Letter from Mr. W. P. Worden to Mr. A. Giambusso dated August 16, 1973

Dear Mr. O'Leary:

This letter is to report information concerning the station's third inspection of Bergen-Paterson hydraulic shock suppressors on Unit #3. The unit was shutdown on January 17, 78 days after the previous snubber inspection outage, to repair electromatic relief valve 3-203-3A and to effect repairs to the HPCI system. Because the reactor was shutdown for longer than 24 hours, a snubber inspection was performed as required by Reference (1).

The inspection revealed that all 43 Bergen-Paterson snubbers on Unit #3 were operable, and exhibited overall integrity. There were eight (8) snubbers in the drywell that had low oil level indication on the accumulator. In addition, torus snubber #73 had slightly low oil level indication on the accumulator. It is believed that the low oil level is due to small leaks, but because the leakage is small there is no evidence of fluid leaks or loss of overall integrity. All nine of these snubbers had satisfactory oil level during the previous inspection. The attached lists contain piston rod extensions and fluid level indicator positions found during this inspection.

Eleven Grinnell snubbers, located in the turbine and isolation condenser pipeways, were inspected to supplement the above described inspection. All were operable, but one of the Grinnell snubbers had low oil indication. All ten (10) snubbers mentioned in this report as exhibiting low oil level were filled prior to resuming power operation.

Mr. J. F. O'Leary, Director

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January 23, 1974

The failed snubber support, which was found and repaired during the initial inspection, was examined on January 8 utilizing ultrasonic and dye penetrant testing techniques. See Reference (2). No indications of a faulty weld were detected.

Sincerely,

*W.P. Worden AR*

W. P. Worden  
Superintendent

WPW:ls

<u>Station I.D.</u>	<u>Piston Rod Position (in.)</u>	<u>Fluid Level Indicated Position (in.)</u>
T2	3 1/8	3 1/2
T3	3 1/8	4 (low)
T4	3 1/4	3 1/4
T5	3 1/8	3 1/2
T7	2 3/4	2 3/4
T8	3	3 1/4
T9	3	3 1/4
T10	3 1/4	3 1/4
T12	3	3 1/4
T13	3	3 1/4
T15	3	3 1/4
T16	3 1/8	3 1/2

Snubbers in Drywell

<u>Station I.D.</u>	<u>Piston Rod Position (in.)</u>	<u>Fluid Level Indicated Position (in.)</u>
1	3.00	3.00
2	3.00	4.00 (low)
3	3.00	3.00
4	3.00	1.00
5	3.00	3.00
6	3.00	2.50
7	3.50	4.00
8	3.50	6.00 (low)
9	4.50	4.50
10	3.00	3.33
11	3.50	3.50
12	4.50	4.00
13	3.50	3.50
14	4.00	4.00
15	3.50	3.50
16	4.00	3.50
17	2.50	2.50
18	3.00	3.00
19	3.50	6.00 (low)
20	3.50	3.50
21	2.12	3.50 (low)
22	3.38	6.00 (low)
23	2.75	6.00 (low)
24	2.75	3.25
25	3.50	3.75
26	3.00	3.50
27	1.75	1.50
28	2.25	6.00 (low)
29	2.75	1.75
30	2.25	2.00
31	3.25	4.00 (low)