

POWER AUTHORITY OF THE STATE OF NEW YORK

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September 17, 1979
IPN-79-71

Mr. Boyce H. Grier, Director
Office of Inspection and Enforcement
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
I. E. Bulletin 79-14

References: (1) P. J. Early to A. Schwencer, IPN-79-26,
dated May 22, 1979 (copy to Region I)
(2) P. J. Early to B. H. Grier, IPN-79-56,
dated August 7, 1979

Dear Sir:

This letter is in response to Item 2 of Revision 1 to the subject item. As committed in Reference 2, the Authority has completed its field verification of the as-built configuration of all safety-related piping systems in the normally accessible areas outside containment that were seismically analyzed by a dynamic computer code. This information is presented in Attachment 1 to this letter. The inspection elements used were as described in IP-3 plant procedure 3PT-V14 Rev. 2 entitled, "As-Built Verification of Seismic Class I and II Pipe Supports" (Attachment 1 to Reference 2). Attachment 1 to Reference 1 lists the systems or portions of systems and the lines both inside and outside containment that are to field verified for as-built configuration as part of the Authority's response to I.E. Bulletin 79-07.

To date, a total of 196 lines and 1,578 supports have been field verified using procedure 3PT-V14 Rev. 2. Dimensional deviations in locations of hangers and supports are within the measurement tolerances of inches and the piping geometry is in good agreement with the isometrics. None of the differences noted in these lines have resulted in the creation of any unsafe conditions. The repair program to correct minor differences is being vigorously pursued.

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Since March 13, 1979, the Authority has been actively engaged in reanalyzing seismic loads and field verifying the as-built configuration of safety-related piping systems. The Authority's efforts to date on the related topics of I. E. Bulletin 79-02, 79-07 and 79-14 has resulted in only three letters of notification to Region I concerning the functional adequacy of safety-related piping systems. These reports involved six lines and eight pipe supports. This very low percentage of affected lines ($6/196 = 3.1\%$) and pipe supports ($8/1578 = 0.51\%$) demonstrates the design and operational adequacy of the safety-related piping systems at the Indian Point 3 facility. Continued operation of this facility after the end of the current refueling outage while the Authority completes its field verification program under I. E. Bulletin 79-14 is therefore justified.

Very truly yours,



Paul J. Early
Assistant Chief Engineer-Projects

cc: Office of Inspection and Enforcement
Division of Reactor Construction Inspection
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Office of Nuclear Reactors Regulation
Division of Operating Reactors
U. S. Nuclear Regulatory Commission
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ATTACHMENT 1
IE BULLETIN 79-14
SEISMIC ANALYSIS FOR AS-BUILT
SAFETY-RELATED PIPING SYSTEMS

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286
SEPTEMBER 17, 1979

DETAILED HANGER REPORT

<u>Line Number</u>	<u>Total Number of Supports</u>
9	19
653	2
10	13
53A	12
406	9
52	14
52A	14
1081	4
1082	4
1083	4
1084	4
1085	4
1086	4
3	26
5	10
6	10
7	9
8	10
31	35
337	6
205	8
595	36
270	34
56	11
145	7
550	16
161	31
284	27
57	4
155	2
190	2
51	19
14	1
13	1
146	11
148	8
11D	0
15	20
11A	0
11B	0
11C	1
11E	2
646	2
515	7
189	4
167	14
321	1
168	15
125	3
181	11
509	3

DETAILED HANGER REPORT

<u>Line Number</u>	<u>Total Number of Supports</u>
327	10
277	3
410	1
329	11
328	10
314	3
2	26
4	21
16	16
1	25
1161	2
1163	2
1162	2
1164	2
1165	2
322	0
1167	2
1168	2
1169	2
1170	2
1171	2
1172	2
1209	5
1208	5
1174	2
1175	2
561	8
326	1
325	6
1210	5
1178	2
1179	2
1180	2
199	7
647	1
1176	2
1177	2
209	6
1088	2
1089	2
1073	6
1087	2
149	8
1071	7
211	8
1090	2
1076	5
1075	1
1092	2
1166	2
1016	3
698	3

DETAILED HANGER REPORT

<u>Line Number</u>	<u>Total Number of Supports</u>
702	4
1017	5
1143	5
1144	0
1145	1
1141	2
278	3
1140	2
1142	4
390	1
407	11
408	12
409	18
405	19
411	14
518	8
1173	2
1072	6
1074	6
<u>1091</u>	<u>2</u>
123 Lines	898 Supports