

**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

January 8, 1997

Docket No. 50-443
NYN-97003

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Seabrook Station
Response to Request For Additional Information (TAC No. M95312)

North Atlantic Energy Service Corporation (North Atlantic) has enclosed the data requested by the NRC on January 2, 1997¹, pertaining to the leakage test results and valve maintenance history for the containment purge supply and exhaust valves. The enclosed data is submitted in support of North Atlantic's License Amendment Request 96-05 dated June 4, 1996², which proposed changes to the Seabrook Station Technical Specifications to implement 10CFR Part 50 Appendix J, Option B. Enclosure 1 contains the requested data for the purge supply valves COP-V1 and COP-V2. Enclosure 2 contains the requested data for the purge exhaust valves COP-V3 and COP-V4. The enclosed data covers the period of May 1986 to November 1996. A portion of the enclosed data (May 1986 to January 1995) was previously submitted by North Atlantic on February 17, 1995³.

¹ USNRC Letter dated January 2, 1997, "Request for Additional Information Regarding the Implementation of 10 CFR Part 50 Appendix J, Option B - License Amendment Request 96-05 (TAC No. M95312)" A.W. De Agazio to T.C. Feigenbaum.

² North Atlantic Letter NYN-96033 dated June 4, 1996, "License Amendment Request 96-05, Implementation of 10CFR50 Appendix J, Option B, Containment Leakage Rate Testing" T.C. Feigenbaum to USNRC.

³ North Atlantic Letter NYN-95019 dated February 17, 1995, "Request for Scheduling Exemption From Type A Integrated Leak Rate Test (ILRT)" T.C. Feigenbaum to USNRC

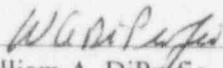
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Should you have any questions regarding the attached, please contact Mr. Anthony Callendrello, Licensing Manager, at (603) 773-7751.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



William A. DiProfio
Unit Director

cc: H.J. Miller, Region I Administrator
A.W. De Agazio, NRC Project Manager, Seabrook Station
J.B. Macdonald, Senior Resident Inspector, Seabrook Station

ENCLOSURE 1 TO NYN-97003

TYPE B & C LOCAL LEAKAGE RATE TEST (LLRT) DATA

Penetration: X-18 (1 of 2)
System: CONTAINMENT ON-LINE PURGE (SUPPLY)
Equipment Tested: COP-V2 (IRC)/COP-V1 (ORC)
Maximum Pathway: COMBINED LEAKAGE THROUGH COP-V2 AND COP-V1
Minimum Pathway: HALF THE COMBINED LEAKAGE THROUGH COP-V2 AND
COP-V1
Tech. Spec. Limit: 0.01 La (7.4 SCFH)

COP-V2 (IRC)/COP-V1(ORC) LEAKAGE (SCFH)

<u>DATE</u>	<u>AS-FOUND</u>	<u>AS-LEFT</u>	<u>REMARKS</u>
05-22-86	-	0.350	Preop. LLRT
12-22-86	0.400	0.400	
04-03-87	1.200	1.200	
10-16-87	0.800	0.800	
05-20-88	0.304	0.304	
11-02-88	1.100	1.100	
04-04-89	0.810	0.810	
08-24-89	0.860	0.860	
11-16-89	0.715	0.715	
02-01-90	1.170	1.170	
04-25-90	1.620	1.620	
07-25-90	2.440	2.440	
10-25-90	0.810	0.810	
01-30-91	1.120	1.120	
05-01-91	1.320	1.320	
09-18-91	2.131	2.131	
12-17-91	2.228	2.228	
03-18-92	2.226	2.226	
06-16-92	1.416	1.416	
10-26-92	2.548	2.548	
11-01-92	2.555	2.555	

TYPE B & C LOCAL LEAKAGE RATE TEST (LLRT) DATA

Penetration: X-18 (2 of 2)

System: CONTAINMENT ON-LINE PURGE (SUPPLY)

Equipment Tested: COP-V2 (IRC)/COP-V1(ORC)

Maximum Pathway: COMBINED LEAKAGE THROUGH COP-V2 AND COP-V1

Minimum Pathway: HALF THE COMBINED LEAKAGE THROUGH COP-V2 AND
COP-V1

Tech. Spec. Limit: 0.01 La (7.4 SCFH)

COP-V2(IRC)/COP-V1 (ORC)

LEAKAGE (SCFH)

<u>DATE</u>	<u>AS-FOUND</u>	<u>AS-LEFT</u>	<u>REMARKS</u>
02-02-93	2.049	2.049	
05-04-93	1.518	1.518	
07-28-93	1.717	1.717	
10-26-93	1.321	1.321	
01-13-94	1.219	1.219	
02-08-94	1.946	1.946	
07-20-94	2.039	2.039	
10-17-94	1.932	1.932	
01-16-95	2.246	2.246	
04-13-95	1.838	1.838	
07-12-95	2.101	2.101	
10-05-95	2.063	2.063	
12-05-95	2.416	2.416	Replace o-rings & diaphragms on the quick exhausters of both valves
03-06-96	2.447	2.447	
05-29-96	2.134	2.134	
08-20-96	2.440	2.440	
11-20-96	1.936	1.936	

ENCLOSURE 2 TO NYN-97003

TYPE B & C LOCAL LEAKAGE RATE TEST (LLRT) DATA

Penetration: X-16 (1 of 2)

System: CONTAINMENT ON-LINE PURGE (EXHAUST)

Equipment Tested: COP-V3 (IRC)/COP-V4 (ORC)

Maximum Pathway: COMBINED LEAKAGE THROUGH COP-V3 AND COP-V4

Minimum Pathway: HALF THE COMBINED LEAKAGE THROUGH COP-V3 AND
COP-V4

Tech. Spec. Limit: 0.01 La (7.4 SCFH)

COP-V3 (IRC)/COP-V4 (ORC)

LEAKAGE (SCFH)

<u>DATE</u>	<u>AS-FOUND</u>	<u>AS-LEFT</u>	<u>REMARKS</u>
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05-22-86	-	2.050	Preop. LLRT
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12-22-86	2.250	2.250
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04-03-87	2.600	2.600	
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10-16-87	2.300	2.300	
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05-20-88	1.869	1.869	
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11-02-88	2.230	2.230	
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04-04-89	2.430	2.430	
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08-24-89	2.430	2.430	
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11-16-89	2.440	2.440	
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11-30-89	2.275	2.275	
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02-01-90	2.390	2.390	
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04-25-90	2.330	2.330	
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07-25-90	2.230	2.230	
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10-25-90	2.030	2.030	
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01-30-91	2.440	2.440	
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05-01-91	2.140	2.140	
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09-18-91	2.435	2.435	
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12-17-91	2.228	2.228	
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03-18-92	2.226	2.226	
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06-16-92	2.428	2.428	
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10-26-92	2.341	2.341	
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11-01-92	2.232	2.232	
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TYPE B & C LOCAL LEAKAGE RATE TEST (LLRT) DATA

Penetration: X-16 (2 of 2)
System: CONTAINMENT ON-LINE PURGE (EXHAUST)
Equipment Tested: COP-V3 (IRC)/COP-V4 (ORC)
Maximum Pathway: COMBINED LEAKAGE THROUGH COP-V3 AND COP-V4
Minimum Pathway: HALF THE COMBINED LEAKAGE THROUGH COP-V3 AND
COP-V4
Tech. Spec. Limit: 0.01 La (7.4 SCFH)

COP-V3 (IRC)/COP-V4 (ORC)

LEAKAGE (SCFH)

<u>DATE</u>	<u>AS-FOUND</u>	<u>AS-LEFT</u>	<u>REMARKS</u>
02-02-93	2.055	2.055	
05-04-93	2.227	2.227	
07-28-93	2.424	2.424	
10-26-93	2.227	2.227	
01-13-94	2.040	2.040	
02-08-94	2.260	2.260	
07-20-94	2.243	2.243	
10-17-94	1.831	1.831	
01-16-95	2.246	2.246	
04-13-95	2.043	2.043	
07-12-95	2.626	2.626	
10-05-95	2.358	2.358	
12-05-95	2.307	2.307	Replace o-rings & diaphragms on the quick exhausters of both valves
03-06-96	2.352	2.352	
05-29-96	2.748	2.748	
08-20-96	2.460	2.460	
11-20-96	2.343	2.343	