

**North  
Atlantic**

North Atlantic Energy Service Corporation  
P.O. Box 300  
Seabrook, NH 03874  
(603) 474-9521

The Northeast Utilities System

February 15, 2002  
Docket No. 50-443  
NYN-02016

U. S. Nuclear Regulatory Commission  
Attn.: Document Control Desk  
Washington, DC 20555-0001


Seabrook Station  
2001 Annual Report -- Radiation Exposure by Job Function

The North Atlantic Energy Service Corporation (North Atlantic) 2001 Annual Report of Radiation Exposure by Job Function is submitted in accordance with Technical Specification 6.8.1.2.a. and the guidance of Regulatory Guide 1.16.

Should you have any questions concerning this matter, please contact Mr. William T. Cash, Manager – Health Physics, at (603) 773-7315.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



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James M. Peschel  
Manager – Regulatory Programs

cc: H. J. Miller, NRC Region I Administrator  
G.F. Wunder, NRC Project Manager, Project Directorate I-2  
G.T. Dentel, NRC Senior Resident Inspector

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**ENCLOSURE TO NYN-02016**

WORK & JOB FUNCTION	NUMBER OF PERSONNEL (> 100 MILLIREM)*			TOTAL MAN-REM				
	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS	TOTAL PERSONS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACT WORKERS	TOTAL MAN-REMS
REACTOR OPERATIONS & SURVEILLANCE								
MAINTENANCE PERSONNEL	1	0	0		0.002	0.000	0.000	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	7	0	0		0.614	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	8	0	0	8	0.616	0.000	0.000	0.616
ROUTINE MAINTENANCE								
MAINTENANCE PERSONNEL	4	1	6		0.498	0.209	1.414	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	7	0	0		0.393	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	11	1	6	18	0.891	0.209	1.414	2.514
INSERVICE INSPECTION								
MAINTENANCE PERSONNEL	2	0	0		0.000	0.000	0.000	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	4	0	0		0.002	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	6	0	0	6	0.002	0.000	0.000	0.002
SPECIAL MAINTENANCE								
MAINTENANCE PERSONNEL	0	0	0		0.000	0.000	0.000	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	0	0	0		0.000	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	0	0	0	0	0.000	0.000	0.000	0.000
WASTE PROCESSING								
MAINTENANCE PERSONNEL	2	0	1		0.274	0.000	0.121	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	7	0	0		0.123	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	9	0	1	10	0.397	0.000	0.121	0.518
REFUELING								
MAINTENANCE PERSONNEL	3	0	0		0.004	0.000	0.000	
OPERATING PERSONNEL	0	0	0		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	6	0	0		0.015	0.000	0.000	
SUPERVISORY PERSONNEL	0	0	0		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0	0	0		0.000	0.000	0.000	
TOTAL	9	0	0	9	0.019	0.000	0.000	0.019
TOTAL								
MAINTENANCE PERSONNEL	12(00004)	1(00001)	7(00007)		0.778	0.209	1.535	
OPERATING PERSONNEL	0(00000)	0(00000)	0(00000)		0.000	0.000	0.000	
HEALTH PHYSICS PERSONNEL	31(00007)	0(00000)	0(00000)		1.147	0.000	0.000	
SUPERVISORY PERSONNEL	0(00000)	0(00000)	0(00000)		0.000	0.000	0.000	
ENGINEERING PERSONNEL	0(00000)	0(00000)	0(00000)		0.000	0.000	0.000	
GRAND TOTAL	43(00011)	1(00001)	7(00007)	51(000019)	1.925	0.209	1.535	3.669

\* INDIVIDUALS MAY APPEAR IN MORE THAN 1 WORK FUNCTION NUMBERS IN PARENTHESES ARE TOTAL NUMBERS OF INDIVIDUALS