

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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P.O. BOX 270
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(203) 666-6911

December 16, 1983

Docket No. 50-423

B10982

Director of Nuclear Reactor Regulation
Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Youngblood:

Millstone Nuclear Power Station, Unit No. 3
Facility Staffing Survey

Attached you will find the information requested in your Facility Staffing Survey. The survey reflects the planned staffing level at the time of operating license issuance and also assumes their years of experience at that time.

This represents the best information that we have available at this time. Please note that the numbers have been rounded to the nearest one-half year.

If you have any questions regarding this information, please contact our licensing representative, Ms. P. C. Bandzes, at (203) 666-6911, extension 3714.

Very truly yours,

W. G. Council
Senior Vice President

By: C. F. Sears
Vice President Nuclear and
Environmental Engineering

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FACILITY STAFFING SURVEY

Millstone Nuclear Power Station,
 PLANT Unit No. 3

Anticipated Licensing Date November, 1985

A. OPERATING SHIFT

1. No. of Shifts 6

2. No. of ROs Assigned to Shift Work 14

No. of Yrs. of Commercial RO experience on Hot plants (post-initial criticality)	BWR	PWR
	0	0

3. No. of SROs Assigned to Shift Work 18

No. of Yrs of Commercial RO experience on Hot plants	BWR	PWR
	8.5	11.5
No. of Yrs of Commercial SRO experience on Hot plants	BWR	PWR
	8	15

4. No. of SROs with 4-yr degrees

Non-engineering	<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div>	Engineering	<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div>
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5. No. of Shift Supervisors (SS)

Non-engineering	<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div>	Engineering	<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto; text-align: center;">14</div>
	<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div>		<div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto; text-align: center;">8</div>

Note: SS is senior authority on shift work.

B. ON-SITE MANAGEMENT

	Station * Superin- tendent	Unit Superin- tendent	Station * Services Supt.	Operations Supervisor	Start-up Supervisor	Maintenance Supervisor	Reactor Engineer	Senior Engineer
To have license at time of OL	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Previously Licensed								
RO/SRO	SRO	SRO	SRO	SRO	SRO	SRO	Certified SRO	SRO
Type Plant	PWR	PWR	BWR	PWR	PWR	PWR	PWR	PWR
No. Yrs. Licensed	2	6	13	1.5	4	4	---	6
No. Yrs. "Hot" Exp.	6	6	13	1	4	4	---	6
Degreed	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Type [Discipline(s)]	Mechanical & Nuclear Eng	Physics	---	Mgmt./Aero- nautical Eng	Mechanical Engineering	Mechanical Engineering	Nuclear Engineering	Chemistry
Level (A/B/M/B)	M	B	---	M/B	B	B	M	B
Total Nuclear Exp. (Years)	17	19	28	18.5	11	15	6.5	15

* These individuals presently have responsibilities associated with the operation and maintenance of two of our operating units (Millstone Unit Nos. 1 and 2).

C.

CORPORATE NUCLEAR EXPERIENCE
(I.e., "Off-Site" Management)

POSITION **	NAME	NUC NAVY (Yrs)	Operator Lic. (if ever held) RO/SRO/None	Yrs. at Oper. Nuc. Stations (On-Site) (Indicate whether BWR or PWR)	Yrs. at Other Nuc. Support/ Management Position (Off-Site)	Degrees Level (A/B/M/D)	Discipline(s)
Senior VP, Nuc. Eng. & Ops.	W. G. Counsell	5	SRO	9.5	9	B	Engineering
V.P. Nuclear Ops.	J. F. Opeka	5.5	SRO	8	9	M	Electrical Eng. Management
V.P. Nuclear & Enviro. Eng	C. F. Sears	2 (Nuc. Army)	SRO	10	13	D	Physics Nuclear Science Nuclear Eng.
V.P. Gen. Eng. & Con- struction	R. P. Werner	---	----	---	20	B	Mechanical Eng.
Nuc. Eng Supvr.	T. J. Dente	---	SRO	10	10	B	Electrical Eng.
Mgr. Nuclear Fuel Ser.	R. R. Calabro	---	----	---	23	B	Physics
Manager Nuclear Licensing	R. T. Laudena	---	----	---	18	M	Mechanical Eng. Management
QC/QA Manager	D. O. Nordquist	---	----	---	10	B	Industrial Eng.

*Position titles shown are illustrative; please enter appropriate titles

**All of these individuals presently have responsibilities associated with the operation and maintenance of two of our operating units (Millstone Unit Nos. 1 and 2).

COMMENTS ON THE SURVEY

Missing from the survey are several significant areas including:

- 1) Past Navy nuclear experience of the on site individuals.
- 2) Plant experience gained by individuals with equivalent license experience working on a commercial reactor in a non-licensed position.
- 3) Licenses received at a commercial reactor where an individual transferred to another position prior to accumulating time after the license.
- 4) Experience gained in a cold license situation on a previous plant.
- 5) Management experience gained by on site personnel with a plant under construction, managing a facility for which they do not hold a license, and functional responsibilities at plants for which they were not licensed.

For purposes of this response individuals who have undergone a program provided by Northeast Utilities to allow them to combine the function of SRO and STA are counted as equivalent to a four (4) year engineering degree. Two (2) Shift Supervisors, six (6) Supervising Control Operators, and two (2) Control Operators are in this category.