



New England Power Company  
Salem Harbor Station  
Salem, Massachusetts 01970

May 31, 1985

U. S. Nuclear Regulatory Commission  
Region 1  
Nuclear Material Section B  
631 Park Avenue  
King of Prussia, PA 19406

MS 16  
P8

Dear Ms. Jodustra

Subject: New England Power Co.  
Salem Harbor Station  
24 Fort Ave., Salem, MA  
License No. 20-20635-01  
Control Number 03548

Enclosed please find a copy of New England Power Company's  
Licensed Material Procedure for authorized personnel as was discussed  
during our telephone conversation of May 23, 1985.

Very truly yours,

*H. C. Ekstrand*

H. C. Ekstrand  
Supervisor of Technical Services

Attach.

cc: LEB  
file

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REG1 LIC30  
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03548  
"OFFICIAL RECORD COPY"

## SALEM HARBOR STATION

## Nuclear Sources

Nuclear sources and their associated detectors have been added for alarming purposes as a result of the coal conversion. These devices sense high ash level in the precipitator hoppers and the absence of Coal Flow to the stock coal feeders and the coal sampler.

The nuclear sources and detectors found on Units 1,2 &3 precipitator ash hoppers and the coal sampler are manufactured by Kay-Ray, Inc. The sources for indicating NO-COAL FLOW to Unit 3 coal feeders are manufactured by Stock Equipment Co.

The following is an inventory of nuclear sources for which we are responsible:

<u>Unit</u>	<u>Qty.</u>	<u>Model</u>	<u>Serial No.</u>	<u>Isotope</u>	<u>Activity (Milli-Curies)</u>
#1 Precp.A.H.	8	7062BP	15685-15692	Cesium 137	100
#2 Precp.A.H.	8	7062BP	15693-15700	Cesium 137	100
#3 Precp.A.H.	16	7062BP	15710-15725	Cesium 137	100
Coal Sampl.	4	7062BP	16396-16399	Cesium 137	25
Coal Fdrs	4	D14400	SE826-SE829	Radium 226	2

Access to the precipitator ash hoppers require the operation of a "KIRK" type key on both the source head and access door. The hopper doors cannot be opened until the source head is in the store (closed) position allowing removal of the key to open the hopper access door. The key interlock will be performed only by those listed.

Access to the coal sampler chutes requires the locking of the source head in the store position before maintenance personnel remove the chute access door bolts. Locking of the source head will be performed only by those listed.

To inactivate the Stock Coal Feeder source head requires the insertion of the source plug, which is stored in the source mounting casing.

SUPPLEMENTAL SHEET NO. 1

ITEM 6: Individual(s) who will use or directly supervise the use of  
the licensed material:

Howard C. Ekstrand	Supervisor of Technical Services
John E. Mangan	Chief Engineer
Everett C. macLeod	Assistant Chief Engineer
Robert O. Doward	Watch Engineer
Donald C. Grinnell	Watch Engineer
Joel L. Lancey	Watch Engineer
Albert J. O'Neill	Watch Engineer
Anthony Wojtas	Watch Engineer
William C. Connelly	Watch Engineer
Robert E. Scroggins	Watch Engineer
Terry D. Flannagan	Assistant Watch Engineer
Lawrence E. Roux	Assistant Watch Engineer