

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

January 14, 1981

MEMORANDUM FOR: Chairman Ahearne

FROM:

Edward J. Hanrahan

SUBJECT: SALEM 2 FULL POWER OPERATING LICENSE

As requested we have prepared the attached tables for your use in discussing shift manning at Salem. These tables show manning requirements when the units are operating (the most conservative case).

Task I.A.1.3 of NUREG-0737 provides revised requirements on shift manning and overtime. Overtime provisions were to be established for operating reactors by November 1,1980 and by fuel loading for operating license applicants. Staffing requirements were to be completed by July 1, 1982 for operating reactors and by fuel loading for operating license applicants.

These varying implementation dates for Salem, a site with two units and separate control rooms for each unit, present the staff with a unique problem. If we were to apply NUREG-0737 requirements only to Unit 2, then it appears that with both units operating an SRO would be required in the Unit 2 control room but not in the Unit 1 control room.

It appears the staff is attempting to modify the NUREG-0737 requirements for the Salem units:

- -- For purposes of SRO manning the staff treats Salem as two units with a single control room area, thus requiring only two SRO's, one of whom serves as shift supervisor for both units. (If treated as two separate control rooms, three SRO's would be required, one for each unit and a third as shift supervisor.)
- -- For the purpose of RO manning, the staff treats Salem as two units with two control rooms thus with both units operating, requiring 4 RO's on shift, vice 3 RO's on shift in the case of two units operated from a single control room.

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Chairman Ahearne

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We assume this is an interim approach and Salem will be treated for purposes of SRO manning as two units operating from two control rooms after July 1, 1982, but we note that the proposed license does not indicate that this will be required.

法官

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Attachment: As stated

cc: Commissioner Gilinsky Commissioner Hendrie Commissioner Bradford L. Bickwit S. Chilk W. Dircks H. Denton V. Stello

SALEM SHIFT MANNING

Table 1

NUREG-0737 Requirements*

# Shifts			Combined License				S Combined License	Total
3	3	3	3	9	- 6	6	0	12
4	4	4 .	4	-12	8	8	0	16
5	5	5	5	15	10	10	0	20

*Assuming NUREG-0737 is applicable now also to Salem 1.

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Table 2

Staff Proposed Requirements

# Shifts			Combined License				Combined License	Total	
3	0	0	6	6	6	6	0	12	
4	0	0	8	8	8	8	0	16	
5	C	0	10	10	10	10	0	20	

Table 3

Expected Available Manning**

			Combined License				Combined	Total	
Present	2	0	9	11	5	0	12	17	
Projecte if all applican passed J exam	ts 1	0	11	12	٩	O	15	19	

** Statistics supplied by Salem 2 project manager. (These statistics do not include Salem management personnel holding licenses who normally do not serve as operators.)