

SHIFT MANNING

A. STATEMENT OF APPLICABILITY

The purpose of this procedure is to describe the Criteria for Shift Staffing.

B. REFERENCES

1. Technical Specification Figure 6.2-1
2. Technical Specification 6.2.2
3. 10CFR50.54
4. 10CFR50, Appendix R
5. CEC Co. G.S.E.P. Figure 4.2-2
6. S.E.R. 13.1.3
7. NSD Directive NSDD-A09
8. NUREG 0654, Table B-1

C. MAIN BODY

1. The Minimum Shift Manning for the Station is shown in the table below:

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION *		
	Both Unit In MODES 1, 2, 3, or 4	1 Unit In Modes 1, 2, 3, or 4 & 1 Unit In Modes 5 or 6	Both Units In Modes 5 & 6
SE	1	1	1
SF(Licensed)	1	1	None
NSO	3	3	1
EA	4	4	1
SCRE	1	1	None
Rad-Chem Personnel	2	2	2

\*The Shift Manning may be one less than the minimum requirements of the above table for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the Shift Manning to within the minimum requirements of the table. This provision does not permit any shift crew position to be unmanned upon shift change due to oncoming shift personnel being late or absent.

8410020364 840924  
PDR ADDCK 05000454  
V PDR

**APPROVED**

**AUG 20 1984**

2. In addition, the following experience levels are required on each shift:

POS	POWER PLANT (YRS)		SRO LICENSE	ON-SHIFT AT OPERATING PWR		
	TOTAL	NUCLEAR		>20% POWER	S/U & S/D	6 MONTHS
SE	4	2	YES	6 Wks	X	Either
SF	3	2	YES	6 Wks	N/A	SE <u>or</u> SF

If either the SE or SF experience levels are not met, a Shift Advisor \* is also required to be on shift.

This requirement commences at Fuel Load.

- \* A Shift Advisor is defined as a person with one year on shift as a licensed SRO at an operating plant of the same type, or a person with an RO license as evaluated by the NRC on a case-by-case basis.
3. A site Fire Brigade of at least 5 members\* shall be maintained onsite at all times. The Fire Brigade will not include the Shift Engineer, the Station Control Room Engineer, and 2 other members of the minimum shift crew necessary for safe shutdown of the Unit or any personnel required for other essential functions during a fire emergency.

\*\*\*\*\*

\* NOTE \*

\* The SCRE may go into the plant to participate in shift activities. While the SCRE is out of the control room, an SRO licensed supervisor must relieve him. In addition, during such absence from the control room, he must be available within 10 minutes. \*

\*\*\*\*\*

\*\*\*\*\*

\* NOTE \*

\* The Nuclear Station Operators shall not under any circumstances leave the controls area for any reason without obtaining a qualified relief operator. Prior to assuming responsibility, the Relief Operator shall be properly briefed on the plant status. The Relief Operator will be informed of any evolutions in progress that might affect plant operation, any special instructions that are in effect, and the overall status of the plant. The Nuclear Station Operator will be briefed by the Relief Operator upon his return. \*

\*\*\*\*\*

**APPROVED**

**AUG 20 1984**

**B. O. S. R.**

\*Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed 2 hours in order to accomodate unexpected absence provided immediate action is taken to fill the required positions.

4. A supervisor will be on site at all times who is trained as a fire chief.
5. Shift manning assignments during periods of core alterations shall include a licensed SRO or SRO (Limited) to directly supervise the core alterations.
6. Station Management and Technical Support are either present or on call at all times. The Shift Engineer has the authority to call out all required personnel, regardless of discipline.
7. The Shift Technical Advisor position will be filled by a technical graduate who has successfully completed the required STA training. Normally, the Station Control Room Engineer who is licensed at the SRO level, a technical graduate, and has completed required STA training, will fill this position.
8. Commencing at criticality each shift will be manned with at least one individual with prior commercial PWR experience for at least one year after initial criticality, including the attainment of 100 percent power.

**APPROVED**

**AUG 20 1984**

**B. O. S. R.**