

DOCKETED
USNRC

MAY -1 P4:29

DEPT. OF SECURITY
REGULATORY & SERVICE
BRANCH

Table B-1

MINIMUM STAFFING REQUIREMENTS FOR NRC LIC. SEEES
FOR NUCLEAR POWER PLANT EMERGENCIES (See B.5.)

DOCKET NUMBER 58-352-01
PROD. & UTIL. FAC. 58-353 01

Major Functional Area	Location	Major Tasks	Position Title or Expertise	On Shift*	Capability for Additions	
					30 min.	60 min
Plant Operations and Assessment of Operational Aspects			Shift Supervisor (SRO)	1 (1)	--	--
			Shift Foreman (SRO)	1 (1)	--	--
			Control Room Operators	2 (2)	--	--
			Auxiliary Operators	2 (2)	--	--
Emergency Direction and Control (Emergency Coordinator)***			Shift Technical Advisor, Shift Supervisor or designated facility manager	1**(1)	--	--
Notification/Communication****		Notify licensee, State local and Federal personnel & maintain communication		1 (1)	TSC (1)	2 (3)
					EOF (5)	(2)
Radiological Accident Assessment and Support of Operational Accident Assessment		Emergency Operations Facility (EOF) Director	Senior Manager	--	--	1 (2)
			Senior Health Physics (HP) Expertise		1 (2)	--
		Offsite Surveys		--	2 (2)	2 (2)
			Onsite (out-of-plant)		1 (1)	1 (1)
In-plant surveys	Chemistry/Radio-chemistry	HP Technicians	1 (2)	1 (2)	1 (1)	
		Rad/Chem Technicians	1 (1)	--	1 (3)	
Plant System Engineering, Repair and Corrective Actions		Technical Support	Shift Technical Advisor	1 (1)	--	--
			Core/Thermal Hydraulics	--	1 (5)	1 (9)
			Electrical	--	--	1 (9)
			Mechanical	--	--	1 (6)
U. S. NUCLEAR REGULATORY COMMISSION		Repair and Corrective Actions	Mechanical Maintenance/ Rad Waste Operator	1**(a)	--	1 (1)
			Electrical Maintenance/ Instrument and Control (I&C) Technician	(i)	1 (1)	1 (1)
				1**(a)	1 (1)	--
				--	1 (11)	--

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EXHIBIT No. 46

Applicant Staff Intervenor

Identified Received Rejected

Date: 4-25-84

Reporter: [Signature]

8406270385 840425
PDR ADOCK 0500C352
G PDR

(a) There is a shift assistant foreman and helper on shift capable of initiating mechanical/electrical repairs

N.E. 2 indicates number of available personnel

Table B-1 (contd)

Major Functional Area	Major Tasks	Position Title or Expertise	On Shift*	Capability for Additions	
				30 min	60 min
Protective Actions (In-Plant)	Radiation Protection:	HP Technicians	2**	2 (2)	2 (2)
	a. Access Control				
	b. HP Coverage for repair, corrective actions, search and rescue first- aid & firefighting				
	c. Personnel monitoring d. Dosimetry				
Firefighting	--	--	Fire Brigade per Technical Specifications	Local Support	
Rescue Operations and First-Aid	--	--	2**	Local Support	
Site Access Control and Personnel Accountability	Security, firefighting communications, personnel accountability	Security Personnel	All per Security plan		
		Total	10	11	15

Notes:

* For each unaffected nuclear unit in operation, maintain at least one shift foreman, one control room operator and one auxiliary operator except that units sharing a control room may share a shift foreman if all functions are covered.

** May be provided by shift personnel assigned other functions.

*** Overall direction of facility response to be assumed by EOF director when all centers are fully manned. Director of minute-to-minute facility operations remains with senior manager in technical support center or control room.

**** May be performed by engineering aide to shift supervisor.

NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION NOTIFICATION/ COMMUNICATION	B EMERGENCY LOCATION	TIME FROM A TO B	Time FROM HOME TO B (min)
DAVIS, M.	JTA	LGS	NOTIFICATION/ COMMUNICATION	TSC	0	30 *
DOLAN, J	ENGINEER	"	"	"	"	30 *
WEIDNER, R.	JTA	"	"	"	"	45 **
FEASTER, D.	ENGINEER	"	"	"	"	5 *
WINTERS, W.	ENGINEER	"	"	"	"	15 *
MARABELLA, L.	ENGINEER	"	"	"	"	20 *
ETRE, M.	ENGINEER	"	"	"	"	17 *
SHANKER, D.	JTA	"	"	"	"	15 *
SHEA, T.	ENGINEER	"	"	"	"	35 **
BROWN, E.	JTA	"	"	"	"	60 **
HUTCHINSON, G.	JTA	"	"	"	"	20 *
WALSH, K.	ENGINEER	"	"	"	"	25 *
KELSEY, D.	ENGINEER	"	"	"	"	30 *
AMANTE	JTA	"	"	"	"	20 *

NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	Time FROM HOME TO B
VULLIKH, T	SUPT - NUCLEAR GEN	2301 Market	SITE EMERG. COORDINATOR	EOE	30	35
LOGUE, B	SUPT - NUCLEAR SERVICES	"	"	"	30	60
FLEISHMAN, R	SUPT - PBAPS	PBAPS	"	"	150	120
RUTVEL, R	SR HP	LG5	DOSE ASSESS. TEAM LDR	EOE / TXC	35 / 0	90
MURPHY, G	HP - Tech SUPPORT	"	"	"	35 / 0	40
MULLEN, F	Physicist	"	"	"	"	40
FLEISHMAN, R	Physicist	"	"	"	"	30
WELLS, L.	Physicist	"	"	"	"	30

NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	TIME FROM HOME TO B	
SCOTT, J.	HP Tech	LG S	HP TECHS ASSIGNED TO RADIO PRO TEAM, PERSONNEL SAF.T.	OSC	0	60	**
TAYLOR, S	"	"	"	"	"	105	*
SMITH, C	"	"	"	"	"	30	*
BAKER, S	"	"	"	"	"	38	**
RED, C	"	"	"	"	"	25	*
LANDIS, B	"	"	"	"	"		
PAULK, M	"	"	"	"	"		
GOLDEN, E	"	"	"	"	"	45	**
SWANSON, S	"	"	"	"	"	60	**
REYES, A.	"	"	"	"	"	80	
MUGENT, D	"	"	"	"	"	60	**
ROOF, M.	"	"	"	"	"		
CHUBERT, J	"	"	"	"	"	30	*
KENNEDY, J	"	"	"	"	"	30	*

	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	Time FROM HOME TO B
HUNT, K.	REACTOR ENG.	LC5	TECH SUPPORT CORE/THERMIC HYDRAULICS	75C	0	13
FITZGERALD, J.	"	"	"	"	"	25
YOUNG, K.	"	"	"	"	"	25
EYRE, M.	"	"	"	"	"	14
ANDREOLA, L.	"	"	"	"	"	20

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NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	Time FROM Home TO B	
DUCA, P.J	Tech ENG	LGS	TECH SUPPORT MECHANICAL & ELECTRICAL	TSC	0	60	**
HOPKINS, A	PERFORMANCE ENG	"	"	"	"	45	**
MUNTZ, J.	TEST ENGINEER	"	"	"	"	60	**
ALEJANDRO, R	"	"	"	"	"	60	**
Kemper, K	"	"	"	"	"	30	*
CURTIS, V.	"	"	"	"	"	25	*
ARMSTRONG, J	"	"	"	"	"	10	*
RANDY, J.	"	"	"	"	"	70	.
CALLAN, E.	"	"	"	"	"	60	**
Gallagher, M	"	"	"	"	"	15	*

NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	Time FROM Home TO B	
RAPINE, S	MECHANICAL MAINT.	MAINT SHOP	DAMAGE REPAIR GROUP	MAINT SHOP	0	40	**
MOORE, D.	"	"	"	"	"	85	
REASON, G.	"	"	"	"	"	50	**
DIDONATO, B.	"	"	"	"	"	40	**
WOLFE, VANIK, J.	"	"	"	"	"	40	**
WYON, F.	"	"	"	"	"	75	
PETERS, T.	"	"	"	"	"	75	
BERGER, J.	"	"	"	"	"	60	**
ARMSTRONG, J.	"	"	"	"	"	65	
DIAMOND	"	"	"	"	"	15	*
GIOVAN, H	ELECTRICAL MAINT.	"	"	"	"	60	**
LEPERSON, D	"	"	"	"	"	80	
IVANCO, R.	"	"	"	"	"	15	+
WARBLE	"	"	"	"	"	80	

NAME	NORMAL POSITION	A NORMAL LOCATION	EMERGENCY POSITION	B EMERGENCY LOCATION	TIME FROM A TO B	TIME FROM HOME TO B
Almudi, D.	I & C TECH	OSC	I & C TECH	3rd FLOOR ADMIN	0	30
BRITTON, D.	"	"	"	"	"	20
BROPHY, J.	"	"	"	1,	"	75
Buzilow, J.	"	"	"	"	"	20
COLGAN, R.	"	"	"	"	"	20
COLGAN, W.	"	"	"	"	"	20
CANNFORD, K.	"	"	"	"	"	55
FLACK, C.	"	"	"	"	"	80
KANEY, M.	"	"	"	"	"	15
LETTAO, F.	"	"	"	"	"	15
Lodwig, R.	"	"	"	"	"	80
MELLAUGH, J.	"	"	"	"	"	15
MOORE, S.	"	"	"	"	"	75
NESTER, S.	"	"	"	"	"	70

