

PART ONE

CONCEPT OF OPERATIONS

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EMERGENCY STAFFING
On-site Emergency Organization
(Available within sixty (60) minutes)

Emergency Position	Minimum Number	Position Title or Expertise	Emergency Duties	Report to Location/Person
Emergency Director	1	Shift Foreman or Plant Manager or Senior Site Operations Management Person.	Responsible for initial assessment and evaluation of any abnormal or emergency situation and for directing appropriate response in accordance with the emergency plan implementing procedures.	ECC/Emergency Support Director
Communicator	1	Technical Analyst	Provides current information and direction to the communications assistants, ensures communications records are kept and activates the operational line for technical data transmission.	Shift Supervisor's Office/ Emergency Director
Communications Assistants	2	Technical Analyst	Responsible for maintaining communications with the NRC, make additional notifications as required and receiving incoming calls.	Shift Supervisor's Office/ Communicator
Technical Support Center Coordinator	1	Senior Lead Engineer	Directs the TSC engineers in plant technical assistance and acts as liaison between Parsippany Technical Functions and the Emergency Director.	TSC/Emergency Director until Group Leader Technical Support takes charge.
Technical Support Center Engineers		Assorted Discipline Engineers (i.e.: Nuclear, Electrical, Mechanical, I&C)	Activate TSC and provide technical support in the areas of core, electrical, mechanical, I&C and computers.	TSC/TSC Coordinator
Operations Coordinator	1	Shift Supervisor or Senior Operations Person (SRO)	Coordinates plant operations, maintenance, Radiological Controls and chemistry through the Shift Supervisor and Operations Support Center Coordinator.	ECC/Emergency Director

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(+) Shift Foreman	1	Shift Foreman (SRO)	Initially assumes the duties of Emergency Director and upon relief will be responsible for maintaining control over plant operations. Directs Control Room Operators.	ECC/Operations Coordinator
(+) Operations Shift Personnel	CRO 2 AO 4	Control Room Operators (CRO) Auxiliary Operators (AO)	Operate primary plant and secondary plant, recovery systems, notifications, and support operations as directed.	OSC & ECC/Shift Foreman
Operations Support Center Coordinator	1	Senior Maintenance, Operations or Radiological Controls Technician/Foreman	Assigns personnel to support operations in the areas of radiological controls, chemistry and maintenance.	OSC/Operations Coordinator
Emergency Maintenance Coordinator	1	Maintenance Technician/Foreman	Coordinates and directs emergency maintenance repair and corrective actions.	I&C Shop and Shift Supervisor's Office/Operations Support Center Coordinator
(+) Maintenance Personnel	5	Maintenance Personnel	Perform all emergency maintenance repair and corrective actions. May be called on for search and rescue and drivers for Radiation Monitoring teams.	I&C Shop/Emergency Maintenance Coordinator

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Radiological Controls Coordinator	1	Radiological Controls Technician/Foreman	Responsible for supervising Radiological Controls Technicians and coordinating the in-plant radiological controls support activities such as access control, emergency repair, search and rescue, first aid, firefighting, personnel monitoring and dosimetry.	OSC/Operation Support Center Coordinator
Radiological Controls Technician	3	Radiological Controls Technician	Responsible for radiological controls support in the areas of access control, emergency repair, search and rescue, first-aid, firefighting, personnel monitoring, and radiological monitoring as directed.	OSC/Radiological Controls Coordinator
Chemistry Coordinator	1	Chemistry Technician/Foreman	Responsible for ensuring that all post-accident samples are taken and analyzed in accordance with procedures.	OSC/OSC Coordinator
Chemistry Technicians	1	Chemistry Technicians	Responsible for performing all post-accident chemistry samples and analyses and supporting operations in the area of chemistry as directed.	OSC/Chemistry Coordinator
First Aid and Rescue Team Personnel	1	Multi-Media First Aid Qualified Personnel	Responsible for providing First Aid in emergencies and assisting in rescue operations.	OSC/OSC Coordinator
Fire Brigade Team Personnel	5	Fire Brigade Qualified Personnel	Responsible for responding to all fire alarms and reporting to the location of the fire with assigned equipment to combat the fire and assess the need for off-site firefighting support.	

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Radiological Assessment Coordinator	1	Senior Radiological Controls Technician/Foreman	Responsible for providing all radiological assessment to the Emergency Director and maintaining communications with the BRP. He will direct all radiation monitoring teams until relieved by the EAC. The EAC, upon relief, will direct radiation monitoring teams, environmental teams, calculate dose projections and inform the EOF and the RAC of the results. The RAC will then be responsible for in-plant radiological controls and updating the BRP on dose readings and plant conditions.	ECC/Emergency Director
Radiological Analysis Support Engineers	2	Radiological Controls Engineering Personnel	Assist the Radiological Assessment Coordinator in performing dose calculations, supervising radiological waste processing and interfacing with the Chemistry Coordinator and Group Leader Chemistry Support on radiological Waste Monitoring.	OSC or ECC/RAC
Onsite/Offsite Radiological Monitoring Teams	1	Radiological Controls Personnel as Monitors and Site Personnel as Drivers	Responsible for picking up emergency kits, obtaining vehicle and radiologically surveying the areas that they are dispatched to.	OSC/RAC until Rad Monitoring duties are assumed by the EAC.

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Security Coordinator	1	Senior Security Person	Directs the security force in the areas of personnel accountability, access control and personnel or equipment security control.	Search Trailer/Emergency Director
Site Security Force	-	Security Personnel	Responsible for carrying out the above-mentioned functions as directed.	As directed/Security Coordinator

+ These positions filled from normal shift complement.

* These personnel may be assigned other functions.

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Emergency Position	Minimum Number	Position Title or Expertise	Emergency Duties	Report to Location/Person
Emergency Support Director	1	Senior Management Representative	Responsible for directing all emergency management responsibilities and directs the response of the offsite organization functional groups in support of the onsite emergency organization.	EOF/Office of President
Emergency Staff Support	1	Site Management Personnel	Assists the Emergency Support Director by interfacing with the offsite emergency organization leaders and providing status reports.	EOF/Emergency Support Director
Emergency Support Communicators	2	Site Engineering Personnel	Responsible for the operation of the communications systems at the Near Site EOF and the coordination of requests for outside assistance. Ensure that the primary and back-up communications systems are activated and operational. Maintains records of communication and status boards.	EOF/Emergency Support Director
Public Affairs Representative	1	Public Information Department Duty Personnel	Responsible for the implementation of the Emergency Public Information Plan, for the preparation of technically accurate information for media release and for setting up new conferences.	EOF/Emergency Support Director

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Emergency Position	Minimum Number	Position Title or Expertise	Emergency Duties	Report to Location/Person
Technical Support Representative	1	Technical Functions Department Engineer	Provides technical liaison to the Emergency Support Director from the Group Leader Technical Support in Parsippany and the Onsite Technical Support Center Coordinator. Utilizes the CRT at the Near Site EOF to perform analysis of plant conditions and to display plant parameters. Monitors the Operational Line in order to obtain real time operational status from the on-site Communicator and relay this information to the Emergency Support Director and the Group Leader Technical Support.	EOF/Group Leader Technical Support
Group Leader Technical Support	1	Technical Functions Management Person	Responsible for directing the technical functioning of the plant in the areas of core, electrical, mechanical and I&C once the PTF is activated and turnover is complete. He will direct the On-site Technical Support Center Coordinator with respect to plant conditions, reactor core status, and subsequent plant operations. Communicates with the Onsite Technical Support Center Coordinator, the Technical Support Representative at the Near Site EOF and B&W.	PTF/ESD
Technical Support Staff	2	Technical Functions Department Engineers	Responsible for activating the PTF, evaluating plant technical data and providing technical recommendations. They will establish communications with B&W, onsite TSC, EOF and maintain logs.	PTF/Group Leader Technical Support

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Group Leader Radiological Controls Support	1	Radiological Controls Engineer	Responsible for radiological controls support for the onsite and offsite organization in the areas of manpower, personnel monitoring and radiological equipment. He interfaces with RAC and monitors communications on the Operational and Radiological Lines to determine emergency status, manpower and equipment needs.	AEOF/ESD
Group Leader Chemistry Support	1	Chemistry Supervisor or Engineer	Assists in the determination of in-plant sampling requirements, manpower and equipment needs based on plant conditions, and establishing a monitoring and controlling program for potentially contaminated systems.	EOF/ESD
Group Leader Maintenance Support	1	Maintenance Foreman	Responsible for Maintenance Support for onsite and offsite organizations. Provides additional maintenance personnel and equipment as needed.	AEOF/Maintenance and Construction Manager
Group Leader Administrative Support	1	Senior Administrative Department	Responsible for all administrative and logistics functions required to support the onsite and offsite emergency organization. These services include: General Administration, Transportation, Personnel Administration and Accommodations, Commissary, Safety and Human Resources.	AEOF/ESD

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Maintenance & Construction Manager	1	Maintenance and Construction Manager or Engineer	Responsible for supervising contractor and company personnel in maintenance and construction efforts in support of an emergency.	AEOF/ESD
Group Leader Security Support	1	Security Supervisor	Coordinates Security manpower for both onsite and offsite. Assigns guards for the security processing and badging of personnel at the AEOF requiring site access. Establishes communications with the onsite Security Coordinator and provides personnel and equipment security support.	AEOF/Group Leader Administrative Support
Personnel Monitoring Coordinator	1	Rad-Con Supervisor or Engineer	Responsible for setting up and operating a whole body counting facility and TLD issue and maintenance program. Responsible for the issuance of TLD's to personnel reporting onsite.	AEOF/Group Leader Rad-Con Support
Radiological Controls Manpower Support Coordinator	1	Rad-Con Engineer	Responsible for coordinating radiological controls manpower resources to staff onsite organization, monitoring teams and offsite organization on a rotating shift basis.	AEOF/Group Leader Rad-Con Support

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Environmental Assessment Coordinator	1	Environmental Assessment Supervisor or Engineer	Responsible for the Radiological Environmental Monitoring Program. Once the EACC is activated, assumes control of offsite radiological monitoring and environmental assessment from the Radiological Assessment Coordinator. Communicates with monitoring teams via radio and with the Assistant EAC at the Near Site EOF and the Radiological Assessment Coordinator.	EACC/ESD
Assistant Environmental Assessment Coordinator	1	Environmental Assessment Engineer	Provides the Emergency Support Director updates on radiation releases, dose assessment activities and estimates.	EOF/EAC
Emergency Planning Representative	1	Emergency Preparedness Department Engineer	Provides ESD with logistical information relating to onsite, offsite and state emergency facilities, communications, personnel and resources availabilities and procedure requirements.	EOF/ESD
Environmental Assessment Group	2	Environmental Assessment Scientist	Activate the EACC, establish communications, maintain records, and provide radiological and environmental assessment support as directed.	EACC/EAC
Security Support Staff	--	Site Security Personnel	Assist the Group Leader Security Support in performing his duties.	AEOF/Group Leader Security Support
Administrative Support Staff	2	Administration Department	Assist the Group Leader Administrative Support in performing his duties.	AEOF/Group Leader Administrative Support

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Personnel Monitoring Staff	2	Site Dosimetry Personnel	Assist the Personnel Monitoring Coordinator in performing his duties.	AEOF/Group Leader Personnel Monitoring
Chemistry Support Staff	1	Site Chemistry Personnel	Assist the Group Leader Chemistry Support in performing his duties.	EOF/Group Leader Chemistry Support
Maintenance Support Staff	2	Site Maintenance Personnel	Assist the Group Leader Maintenance Support in performing his duties.	AEOF/Group Leader Maintenance Support

Abbreviations Used:

ESD-Emergency Support Director

EOF-Emergency Operations Facility

AEOF-Alternate Emergency Operations Facility

PTF-Parsippany Technical Functions

EACC-Environmental Assessment Command Center

EAC-Environmental Assessment Coordinator

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