

**NUCLEAR POWER
POSITION DESCRIPTION**

Name Wilson C. McArthur Social Security Number [REDACTED]
 Position Title Manager, Technical Programs Effective Date April 2, 1990
 Reports to (Title) Vice President, NA&S Location Chattanooga
 ORGANIZATION TITLES:
 Operations Nuclear Assurance and Services Incumbent Signature Wilson C. McArthur 5/1/90
 Level Three - Technical Programs APPROVALS:
 Supervisor [Signature] NCK
 Department _____ Next Level -
 Manager _____
 Level One _____ HRM/HRO. _____

FOR COMPENSATION PLANNING AND ANALYSIS USE ONLY

POSITION EVALUATION:

EVALUATION DATE: 11/21/89

CP&A REVIEWER
INITIALS: _____

<u>FTH3</u>	<u>528</u>	<u>F4(30)</u>	<u>264</u>	<u>E3P</u>	<u>350</u>	<u>1142</u>	<u>46-23-31 ±2</u>
K-H Slot	K-H Pts.	P-S Slot	P-S Pts	Acct Slot	Acct Pts	Total Pts	Profile

POSITION PURPOSE:

Manages the Technical Programs organization and the Technical Programs functions which include Protective Services, Chemistry and Radiological Services, and Emergency Preparedness ensuring that managed activities are conducted in accordance with appropriate regulations, TVA commitments, policies and procedures.

DIMENSIONS:

Operating Budget:	\$12.2 MM
Annual Base Payroll:	\$25.9 MM
TOTAL	\$38.1 MM
Employees (Direct - (Indirect) :	635
o Management/Professional/Technical:	587
o Clerical/Technical Support/ Trades and Labor :	48

Distribution: Original - Personnel Microrecords Unit, Knoxville
 Copy - Employee
 Copy - Operations Organization (as needed)

NATURE AND SCOPE:

This position reports to the Vice President, Nuclear Assurance and Services (NA&S), along with the Managers of Nuclear Manager's Review Group, Nuclear Quality Assurance, Management Programs, Nuclear Training, and Management Services Staff; Senior Project Manager; and an Administrative Assistant.

The incumbent has corporate responsibility for the Nuclear Power Protective Services programs to ensure that adequate security systems, security forces, security training, and security clearance activities are conducted to conform to Security Plan requirements.

Is also responsible for the development of training requirements, implementation of the training program and conduct of training for Fire Protection personnel, and for the development and implementation of the industrial safety programs to ensure that hazardous conditions are recognized and corrected, and a trained response team is properly prepared to contain and eliminate any active hazard such as fire or chemical spill.

Manages and implements the Chemistry and Radiological Services function to include the development of controls, procedures, generation of records, obtaining of environmental permits, and operation of an analytical laboratory to analyze radioactive activity; to ensure that radioactive exposure at nuclear facilities is contained and minimized in compliance with regulatory requirements; and that chemistry parameters are controlled to meet engineering and operating limits that protect plant facilities against unacceptable damage due to corrosion or internal chemical changes.

Responsible for the overall management of the environmental protection program to ensure that the required permits are obtained from regulatory authorities and that the facilities are operated in a manner that meet environmental limits and minimize worker and public exposure.

Responsible for the management of the emergency protection function to include funding for off-site facilities and personnel cost, installation and maintenance of public warning systems, conduct of response drills to accident conditions, training of personnel, establishing and maintaining emergency response facilities and equipment, development of accident scenarios. This ensures that the public health and safety are adequately protected and the emergency plan contains all the features necessary to meet regulatory requirements.

Manages the Technical Programs administrative process to include budget preparation and budget performance, personnel selection, staffing levels, personnel qualification criteria, development of level 3 goals and program performance reporting in conformance with Nuclear Power policy and procedures, and to ensure that the support functions are conducted in a manner to meet Nuclear Power goals and objectives, the Nuclear Power Business Plan, continued development of professionalism and efficient allocation and utilization of resources.

PRINCIPAL ACCOUNTABILITIES:

Manages the Technical Programs organization to include: Nuclear Power Protective Services, Chemistry and Radiological Services, and Emergency Preparedness.

Ensures that all TVA and Nuclear Power policies and procedures are enforced; that all above functions are implemented in a manner that is consistent with NRC and other regulations and requirements. —

Plans for and manages all resources associated with the above-listed functions —

Acts as principal spokesperson on matters related to the Technical Programs organization.

QUALIFICATIONS:

The incumbent must have a Bachelor's Degree in a technical discipline or documented evidence of equivalent, demonstrated knowledge, skills, and abilities.

The incumbent shall have 10 years of experience in the Nuclear Power industry, including 5 years of experience in a responsible managerial capacity and three years of documented evidence of direct experience related to one or more of the technical programs' primary functions.