

Omaha Public Power District

QUALITY ASSURANCE PLAN

QAP-1.2

Title: Organization

Change No.	EC 32929
Reason for Change:	Reorganization of Nuclear Departments to different nuclear divisions.
Procedure Sponsor:	Manager-Quality
Revision:	R18
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Quality Assurance Plan		
Fort Calhoun Station	Organization	QAP-1.2
R18		Page 1 of 7

1. SCOPE

This Plan Section provides a summary description of OPPD's Quality Assurance Program organization for the operations phase of Fort Calhoun station.

2. SPECIAL DEFINITIONS

None

3. RESPONSIBILITY AND AUTHORITY

Responsibility and authority of positions within OPPD's Quality Assurance Program organization are delineated throughout the Plan.

4. ORGANIZATION

OPPD's organization for carrying out an effective operations phase Quality Assurance Program is shown in Figure 1.

4.1 Vice President

The Vice President is the upper level management position which has primary responsibility for plant operations; formulation, implementation, and assessment of the effectiveness of the fire protection program; implementation and maintenance of the ALARA and Radiation Program; and packaging of radioactive material for transport. This individual is also responsible for approval and overall implementation of the Quality Assurance Plan as described in Section 1.1.

4.2 Division Manager – Nuclear Assessments

The Division Manager – Nuclear Assessments is the upper level management position which has primary responsibility for formulation, implementation, and assessment of the effectiveness of the Quality Assurance Program. This individual also has primary responsibility for providing support in the areas of licensing activities, health physics, nuclear safety review and the employee concerns program.

Quality Assurance Plan

Fort Calhoun Station

Organization

QAP-1.2

R18

Page 2 of 7

4.3 Division Manager – Nuclear Engineering

The Division Manager – Nuclear Engineering is the upper level management position which has primary responsibility for the design of modifications and additions to Fort Calhoun Station and the designation of structures, systems, components, or items classified as CQE, Limited CQE or covered by the fire protection program. This individual also has primary responsibility for providing computing services, system engineering and technical support for Fort Calhoun Station.

4.4 Division Manager – Nuclear Operations

The Division Manager – Nuclear Operations is the upper level management position which has primary responsibility for the safe operation of Fort Calhoun Station, training, and security and emergency planning activities at Fort Calhoun Station.

4.5 Division Manager – Nuclear Support Services

The Division Manager – Nuclear Support Services is the upper level management position which has primary responsibility for administrative services, the Condition Reporting system, procurement services, receipt inspection, and quality assurance material and vendor audits in support of Fort Calhoun Station.

4.6 Division Manager - Nuclear Projects

The Division Manager - Nuclear Projects is the upper level management position which has primary responsibility for implementation of major projects at the Fort Calhoun Station.

4.7 Division Manager – Material Management

The Division Manager – Material Management has primary responsibility for formulation and implementation of OPPD's procurement policy. Implementation of the QA Plan requirements for procurement is shared by those Division Managers performing nuclear procurement activities.

4.8 Division Manager – Information Technology

The Division Manager – Information Technology has primary responsibility for development, implementation and maintenance of corporate computing systems in accordance with the Information Technology General Policy.

Quality Assurance Plan

Fort Calhoun Station

Organization

QAP-1.2

R18

Page 3 of 7

4.9 Division Manager – Electric Operations

The Division Manager – Electric Operations has primary responsibility for certain Fort Calhoun electrical maintenance activities.

4.10 Division Manager – Fuels

The Division Manager – Fuels has primary responsibility for the procurement of nuclear fuel.

4.11 Division Manager – Human Resources

The Division Manager – Human Resources has primary responsibility for the administration and management of the Fitness for Duty Program, including chemical testing, employee assistance, and employee and supervisory training programs.

4.12 Manager – Quality

4.12.1 The Manager – Quality, under the Division Manager – Nuclear Assessments, has primary responsibility for the development and implementation of the Quality Assurance Program for Fort Calhoun Station designs, modifications, operations and procurements. Additional responsibilities include independently reviewing and advising management of all aspects of nuclear safety through the implementation of the Nuclear Safety Review Group (NSRG). This responsibility extends into all projects and operations activities affecting safety (see definition in Plan Section 1.3) including engineering, design, procurement, and construction. This individual has the duty and authority to identify quality-related problems; to recommend solutions; and to verify the implementation of corrective actions taken. This individual has the authority to "Stop Work" as delineated in Plan Section 1.1, "Quality Assurance Plan". By reporting to the Division Manager – Nuclear Assessments, the Manager – Quality is isolated from budgeting and scheduling influences of plant operations.

Quality Assurance Plan		
Fort Calhoun Station	Organization	QAP-1.2
R18		Page 4 of 7

4.12.2 The principle duties and responsibilities of the Manager – Quality include the following:

- Manages the OPPD Quality Assurance Program.
- Manages and coordinates an independent audit and QA surveillance program and review of OPPD quality activities to assure compliance with, and effectiveness of, the Quality Assurance Program.
- Training and indoctrination of appropriate OPPD personnel in the Quality Assurance program.
- Prepares Quality Assurance procedures, instructions, and reports, including the description, preparation, and maintenance of OPPD's QA Plan and other QA program documents.
- Manages the activities of the Nuclear Safety Review Group.
- Acts as an internal consultant on Quality Assurance related matters.
- Maintains a file of quality-related codes and standards for the operation, maintenance and modification of nuclear power plants.
- Reviews design data and changes, operating procedures, and test reports for quality requirements.
- Manages quality control activities at Fort Calhoun Station.

The Manager – Quality has assigned staff to assist in the execution of the manager's duties and responsibilities.

4.13 Manager – Fort Calhoun Station

The Manager – Fort Calhoun Station, under the Division Manager – Nuclear Operations, has primary responsibility for the safe operation of Fort Calhoun Station including operation, maintenance, planning and scheduling, radiation protection and chemistry activities. This position also has primary responsibility for planning and execution of modifications and other construction activities.

4.14 Manager – Nuclear Licensing

The Manager – Nuclear Licensing, under the Division Manager – Nuclear Assessments, has primary responsibility for licensing activities, maintaining the FCS Operating License and Technical Specifications, NRC and INPO interfaces, 10 CFR Part 21 program coordination, and commitment tracking.

Quality Assurance Plan		
Fort Calhoun Station	Organization	QAP-1.2
R18		Page 5 of 7

4.15 Manager – Security and Emergency Planning

The Manager – Security and Emergency Planning, under the Division Manager – Nuclear Operations, has primary responsibility for developing and maintaining security policies and procedures for Fort Calhoun Station in compliance with 10 CFR Part 73, the Site Security Plan, and the QA Plan. This position also has primary responsibility for emergency planning activities, including development, administration, and maintenance of the Fort Calhoun Station Radiological Emergency Response Plan (RERP) and Implementing Procedures (EIPs).

4.16 Manager – Training

The Manager – Training, under the Division Manager – Nuclear Operations, has primary responsibility for nuclear technical training programs and the Fort Calhoun Simulator.

4.17 Manager – Nuclear Procurement Services

The Manager – Nuclear Procurement Services, under the Division Manager – Nuclear Support Services, has primary responsibility for development and review of nuclear procurement specifications, procurement, material control activities, receipt inspection, and qualification of OPPD vendors and suppliers.

4.18 Manager – Nuclear Administrative Services

The Manager – Nuclear Administrative Services, under the Division Manager – Nuclear Support Services, has primary responsibility for the document control of design documents, drawings, and procedures associated with Fort Calhoun Station.

4.19 Manager – Design Engineering Nuclear

The Manager – Design Engineering Nuclear, under the Division Manager – Nuclear Engineering, has primary responsibility for detailed designs for modification of and additions to Fort Calhoun Station; maintenance of as-built design data; preparation of design drawings; classification of CQE, Limited CQE, fire protection, and radioactive waste disposal structures, systems, and components; Updated Safety Analysis Report (USAR) engineering updates; fuel reload analysis and technical evaluations. This position also has the primary responsibility for providing design drafting and configuration control support for design documents, drawings and engineering procedures associated with Fort Calhoun Station. These responsibilities of the Manager-DEN are delegated to the Division Manager-Nuclear Projects for projects assigned to the Nuclear Projects Division. Design Authority remains with the Division Manager-Nuclear Engineering.

Quality Assurance Plan

Fort Calhoun Station

Organization

QAP-1.2

R18

Page 6 of 7

4.20 Manager – Nuclear Process Computing Services

The Manager – Nuclear Process Computing Services, under the Division Manager – Nuclear Engineering, has primary responsibility for development, implementation, and maintenance of process computing systems and nuclear business unit applications in support of Fort Calhoun Station.

4.21 Manager – System Engineering

The Manager – System Engineering, under the Division Manager – Nuclear Engineering, has primary responsibility for operability of fire protection systems, system engineering, and assigned technical support services for Fort Calhoun Station.

4.22 Manager – Corrective Action Group

The Manager – Corrective Action Group, under the Division Manager – Nuclear Support Services, has primary responsibility for administering the Condition Reporting system.

4.23 Corporate Health Physicist

The Corporate Health Physicist, under the Division Manager – Nuclear Assessments, has primary responsibility for direction and oversight of radiation protection functions at the Fort Calhoun Station.

4.24 Plant Review Committee (PRC)

A committee composed of key management personnel designated as the Plant Review Committee (PRC) acts in an advisory capacity to the Manager – Fort Calhoun Station and serves in accordance with the Technical Specifications and the Plant Standing Orders.

4.25 Safety Audit and Review Committee (SARC)

A committee composed of highly qualified and experienced OPPD management personnel and consultants, designated as the Safety Audit and Review Committee (SARC), functions to provide independent review and audit of activities in accordance with the QA Program and the SARC Charter. The SARC reports to and advises the Vice President on reviews and audits of the designated activities.

Quality Assurance Plan		
Fort Calhoun Station	Organization	QAP-1.2
R18		Page 7 of 7

Figure 1 - "Nuclear Quality Assurance Program Organization for Fort Calhoun Station"

