

REPORT OF CHANGES TO THE  
NSP OPERATIONAL QUALITY ASSURANCE PLAN

Northern States Power Company (NSP) submitted its Operational Quality Assurance Plan, Rev 2, to NRC Division of Operating Reactors for review by letter dated November 22, 1977. A letter from D K Davis, NRC Operating Reactors Branch #2, dated December 29, 1977, stated that the Operational Quality Assurance Program, Rev. 2, is acceptable for the operations phase of the Monticello and Prairie Island Nuclear Generating Plants.

By letter dated June 27, 1978, NSP submitted its Operational Quality Assurance Plan, Rev. 3, to the Director, Office of Nuclear Material Safety and Safeguards (with copy to Division of Operating Reactors). Revision 3 incorporated Quality Assurance requirements for the use of packages for transport of radioactive materials, pursuant to 10 CFR 71.51, and included minor editorial, organization and title changes. A letter from the NRC Transportation Branch, Division of Fuel Cycle and Material Safety, dated April 2, 1979, transmitted Quality Assurance Program Approval for Radioactive Packages, No. 0083, Rev. 0.

Revision 4 to the NSP Operational Quality Assurance Plan was internally reviewed and approved on January 24, 1980. We have concluded that the changes do not decrease the effectiveness of NSP's Operational Quality Assurance Program. Although the changes became effective in 1980, a summary of the changes is included with this report of 1979 changes, tests and experiments for convenience and more timely documentation. Copies of the Operational Quality Assurance Plan, Rev 4, are available at the Monticello and Prairie Island Nuclear Generating Plants and at the NSP corporate office for review by IE-III personnel.

Summary of Changes

1. Page 1; NSP Fire Protection Program Outline has been added to Section 1.0 to provide a basis for incorporating fire protection QA requirements into the Operational Quality Assurance Program.
2. Page 2; ANSI N 45.2.9 has been deleted. Record requirements have been explicitly identified in Section 19 and Section 5.
3. Page 2; Changed commitment to the current revision of ANSI N 45.2.12.
4. Page 3; Revised the exceptions to ANSI N18.7-1976. Eliminated environmental monitoring since it is not a safety-related activity. Referenced the section of the Q.A. plan that explicitly identifies records management.
5. Page 4; Revised the exceptions to ANSI N18.7-1976. Provided explicit references to the sections of the Operational Quality Assurance Plan or the Construction Quality Assurance Program with regard to various 5.0 subsections of ANSI N18.7-1976.

6. Section 2.0; Full implementation of the Operational Quality Assurance Programs was changed from "Commercial Operation" to "satisfactory completion of the pre-operational and startup test program". Commercial Operation" is not an easily identified point in plant history.
7. Section 3.0; Numerous changes were made in this section due to NSP organizational changes including the following:
  - (a) Promotion of the General Manager Power Production to Vice President Power Production (the Vice President Power Production reports to the Executive Vice President - D W Angland).
  - (b) Transfer of Nuclear Support Services to Power Production. (the Manager Nuclear Support Services reports to the Vice President Power Production).
  - (c) Transfer of Supplier Inspection responsibility from the Plant Engineering & Construction Department to the Quality Assurance Section of Power Production.
  - (d) Promotion of the Plant Quality Engineer to Superintendent Quality Engineering (the Superintendent Quality Engineering reports to the Plant Manager).
8. Section 4.2; The Power Production & System Operation Level of the Program has been deleted due to reorganization. The requirements associated with the following organizations will be incorporated into the Corporate Level Administrative Control Directives:
  - (a) Maintenance & Testing Department
  - (b) System Operation
  - (c) Fuel Supply
9. Page 30; The Spent Fuel Bridge Crane has been added to Table 4-2 (Item 18).
10. Section 5.2.2; The responsibility for major modifications has been assigned to the Plant Engineering & Construction Department, (PE&C). Such modifications are required to be performed in accordance with the provision of the PE&C Quality Assurance Program. The required provisions of the PE&C Quality Assurance Program are identified.
11. Section 7.3; Inspection Procedures have been added to the list of required procedures.
12. Section 9.2; The applicable elements associated with vendor's Quality Assurance Programs have been changed from 10CFR 50 Appendix B to ANSI N 454.2-1976 to establish program consistency.
13. Section 11.2; Brazing has been added.

14. Section 12; This section has been revised to explicitly identify the inspection program. The intent is to explicitly identify the scope of the inspection program in a manner consistent with the inspection requirements of ANSI N 18.7 - 1976.
15. Section 13.2; Inservice Inspection function testing of pumps and valves has been added.
16. Section 16.4; Independent verification of safety tagging has been added.
17. Section 16.6; Independent verification of bypasses and requirements associated with fire protection bypasses has been added.
18. Section 19; The following changes have been made:
  - (a) Record retention periods have been added.
  - (b) Records management requirements have been added.
19. All Sections; The references included in each section have been deleted. The Administrative Control Directives and Administrative Work Instructions utilized to implement the requirements of the Operational Quality Assurance Plan will be identified in the index required by Section 4.8.