

NSP

NORTHERN STATES POWER COMPANY

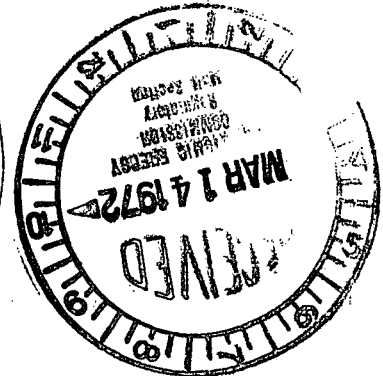
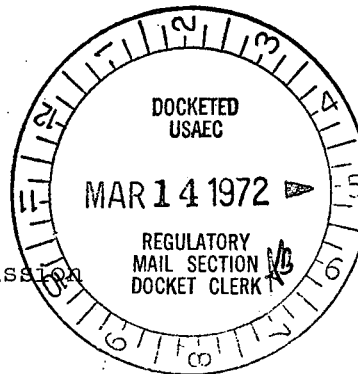
MINNEAPOLIS, MINNESOTA 55401

Regulatory

File Cy.

March 9, 1972

Dr. Peter A Morris, Director
Division of Reactor Licensing
United States Atomic Energy Commission
Washington, D C 20545



Dear Dr. Morris:

MONTICELLO NUCLEAR GENERATING PLANT

Docket No. 50-263 License No. DPR-22
Organizational Changes

This letter has been written to summarize and confirm various information which has been related to AEC Division of Reactor Licensing and Compliance personnel over the last two month period concerning organizational changes, personnel additions and reassignment of responsibilities in Northern States Power Company as they relate to nuclear plant operations. The sections describing the changes in the Monticello Plant organizational structure are also directed toward the reporting requirement of Section 6.6.C.3 of Appendix A, Technical Specifications of Provisional Operating License DPR-22. The corporate organizational relationship of the various departments or groups discussed in this letter are shown in attached Figure 1.

Nuclear Support Services Department

This department was formed early in November 1971, with Mr. L O Mayer as Director of Nuclear Support Services and as described in Mr. Larkin's letters to you dated November 5, 1971, and November 19, 1971. On December 1, 1971, Mr. M H Voth was promoted from Engineer-Nuclear at the Monticello Plant to Administrator-Nuclear Support Services in this General Office technical support group. Mr. Voth (BSEE, MSNE) has 4 1/2 years' experience as a Nuclear Engineer, primarily at the Monticello Plant. On April 3, 1972, an engineer (BChE, MSNE) with two years of nuclear engineering work with a major engineering consulting firm will join the Nuclear Support Services Department. We are currently seeking two more individuals with nuclear experience in areas which will complement those already assigned to this group. Experience resumes for the individuals currently assigned to the Nuclear Support Services Department are attached.

In the four months since its formation, this group has provided the chairman for, administration of, and full time attendance at meetings of the Safety Audit Committee. The Nuclear Support Services group has served as the major participant

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in communications with AEC-DRL on significant plant activities and licensing matters. They have assisted the Power Production and Monticello Plant organizations on review and resolution of plant operating and technical situations and correction of equipment deficiencies. This technical support function will be broadened, and redirected where necessary, as additional personnel are added and needs become apparent.

Power Production Department

A reorganization of the General Office Power Production Department was implemented in two steps on December 1, 1971, and February 1, 1972. Whereas previously the nuclear and fossil plant operational responsibility was all contained in one Power Plant-Mechanical group with two Supervising Engineers handling operating and technical matters for the Monticello and Prairie Island Plant, the operating and technical responsibility for nuclear plants has been separated from fossil plant activities with both groups reporting directly to the Manager of Power Production as shown in the attached Figure 2.

Effective December 1, 1971, Mr. G H Neils was designated General Superintendent of Nuclear Plant Operation heading this group. Mr. Neils (BSEE) has 17 years' NSP experience, 13 of which is nuclear plant operating and engineering experience accumulated through his participation in Pathfinder, Monticello, and Prairie Island plant operation or project responsibilities. On February 1, 1972, Mr. R L Scheinost was appointed Superintendent-Operations in Mr. Neils' group. Mr. Scheinost (BSME) has almost 8 years' NSP experience, 6 of which is nuclear plant operating and engineering experience accumulated through his participation in Pathfinder and Monticello plant operation or project responsibilities. On February 1, 1972, Mr. J A Tacheny was appointed Superintendent-Projects and transferred from the Power Production Electric Plant Section to Mr. Neils' group. Mr. Tacheny (BS Natural Science, BSEE) has almost 14 years' NSP experience working with generating plant electrical equipment and electrical systems, with several years of design review in this field for NSP nuclear plant projects. Experience resumes for the individuals currently assigned to the Nuclear Power Plant Operation group in Power Production are attached. Additional personnel will be added to this group in 1972.

The Power Production Department reorganization has also broadened the function of the Power Plant Maintenance group which has historically served more of a staff or consulting function, than a line function, by providing coordination and consultation for power plant maintenance activities. This group has now been assigned additional responsibility for training and quality assurance. It will eventually provide General Office quality assurance review and assistance for both nuclear and fossil generating plants with stress on metallurgical and welding capabilities. An individual with broad experience in this field is expected to be selected and assigned within the next several months.

Monticello Nuclear Plant

A significant reorganization of the Monticello Plant operating organization took place effective March 1, 1972, as shown on attached Figure 3. The changes were

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directed toward relieving certain key supervisors of the number of functions they must direct, providing additional supervisors, splitting some portions of the organization into smaller functional groups, and assignment of additional technical personnel to the Monticello Plant staff.

Mr. C E Larson was appointed Plant Manager with two major groups reporting to him through their respective superintendents, the Operation & Maintenance group and the Plant Engineering & Radiation Protection group.

Mr. W E Anderson, formerly Maintenance Supervisor, was designated Superintendent-Operation & Maintenance and in this position supervises the functions of the operating shift personnel groups and the mechanical-electrical maintenance group. Mr. Anderson has an extensive background in operations as well as maintenance, having functioned as both a Shift Supervisor and the Operations Supervisor during startup, testing and operation of the Pathfinder Nuclear Plant.

Mr. H E Nimmo, formerly Chief Electrician, has been appointed as Maintenance Supervisor replacing Mr. Anderson. Mr. Nimmo has 26 years' experience in plant operation and maintenance with NSP, previous experience as a Machinist, and played a responsible role in the Monticello pre-operational testing and startup program.

The initial complement of five Shift Supervisors is increased to six with the appointment of Mr. R A Kmitch, SRO 1493, formerly a Lead Plant Equipment and Reactor Operator. The additional strength in this supervisor group will provide additional manpower availability for shift relief, review of operating activities, and supervision of operating matters that can be accomplished independent of the assigned shift duties during normal workday hours.

Mr. M H Clarity was named Superintendent-Plant Engineering & Radiation Protection. He will be responsible for the activities of the technical groups having responsibility for Radiation Protection, Plant Engineering-Technical, Plant Engineering-Operations and operational Quality Assurance. Mr. L R Eliason will continue to function as Radiation Protection Engineer but will be given substantial assistance in this area of responsibility by the reassignment of Mr. F L Fey from Engineer to Assistant Radiation Protection Engineer. Mr. Fey's background includes masters degrees in both Public Health and Science (Health Physics); he has professional experience in radiation safety and health physics and has been functioning in an engineering capacity in the technical groups at both the Pathfinder and Monticello Plants.

Mr. G H Jacobson was appointed Plant Engineer-Technical to supervise the activities of the Engineer-Nuclear, Engineer-Computer, and Engineer-Instruments. Mr. D E Nevinski has been designated Engineer-Nuclear replacing Mr. M H Voth who transferred to the Nuclear Support Services Department.

Mr. M F Dinville has been appointed Plant Engineer-Operations. This group will provide technical support for the other Monticello Plant groups and will have responsibility for surveillance testing, meeting technical specification requirements, retraining, and other specific support assignments. Mr. Dinville currently has five engineers in this support group.

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An individual will be assigned as Quality Engineer in the near future and will report to the Superintendent-Plant Engineering & Radiation Protection. The Quality Engineer will function in accordance with the responsibilities as outlined in the Operational Quality Assurance Manual for the Monticello Plant, which is now being formalized, and will secure guidance and assistance from the quality assurance section of the General Office Power Plant Maintenance group.

Promotions and reassignments resulting from the reorganization have placed technical manpower in other functions in a manner which reduces the number of experienced personnel available for activities carried out under the responsibility function of the Plant Engineer-Operations. Measures are underway to recruit and hire several additional technical personnel with nuclear experience or specific training to strengthen this group. Two senior-experienced engineers have been obtained from a consulting firm to strengthen this group, on a full-time resident basis, as a transitional measure.

Safety Audit Committee

Several changes in the functioning of the Monticello Safety Audit Committee have taken place in recent months which will further increase the independence and effectiveness of the nuclear plant safety review function. On December 6, 1971, Mr. L O Mayer, Director-Nuclear Support Services, was named Chairman of the Monticello Safety Audit Committee replacing Mr. R O Duncanson, Manager of Power Production. This removes the Safety Audit Committee Chairmanship from a department having day-to-day line responsibility for plant operation. On January 11, 1972, Dr. J A Thie, independent nuclear consultant, was appointed as a regular member of the Monticello Safety Audit Committee instead of serving as a part-time consultant as he had up to that time. Effective March 2, 1972, the Monticello Safety Audit Committee was made advisory to the Group Vice President-Power Supply instead of the Vice President-Power Production & System Operation as in the past. The Safety Audit Committee membership and its Chairman and Vice Chairman under this new arrangement shall be appointed by the Group Vice President-Power Supply or such person as he shall designate.

It is our intent to submit additional information to you at a later date summarizing the NSP General Office engineering and technical support personnel resources available for nuclear plant operations support in addition to those detailed herein from the Power Production and Nuclear Support Services Departments. We will also include a summary of outside consultant expertise currently retained by, or available to, NSP for nuclear plant operations support.

Yours very truly,



L O Mayer, P.E.

Director-Nuclear Support Services

LOM/br

cc: B H Grier

Attachments

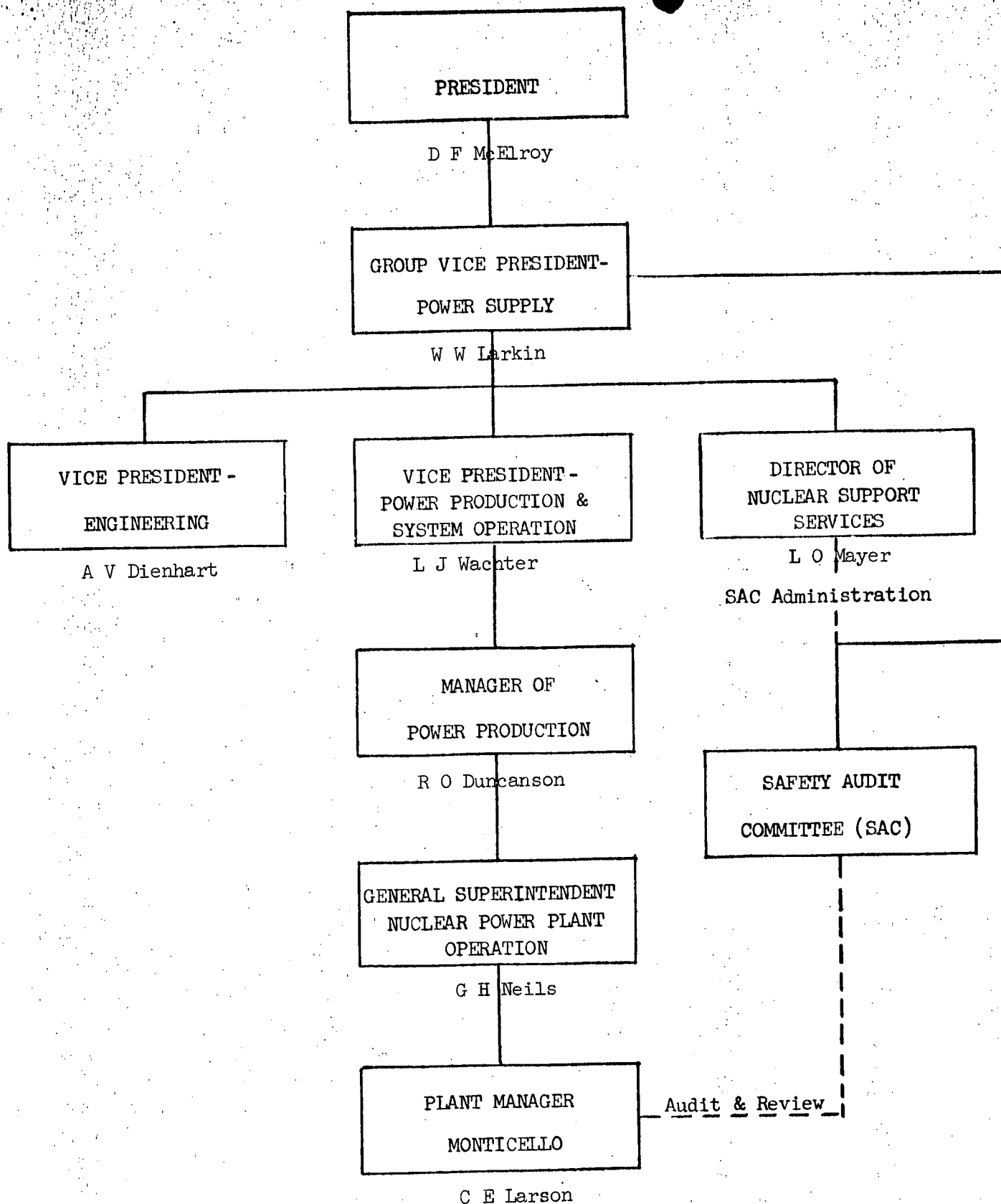


Fig. 1

NSP CORPORATE ORGANIZATIONAL
RELATIONSHIP TO ON-SITE OPERATING ORGANIZATION

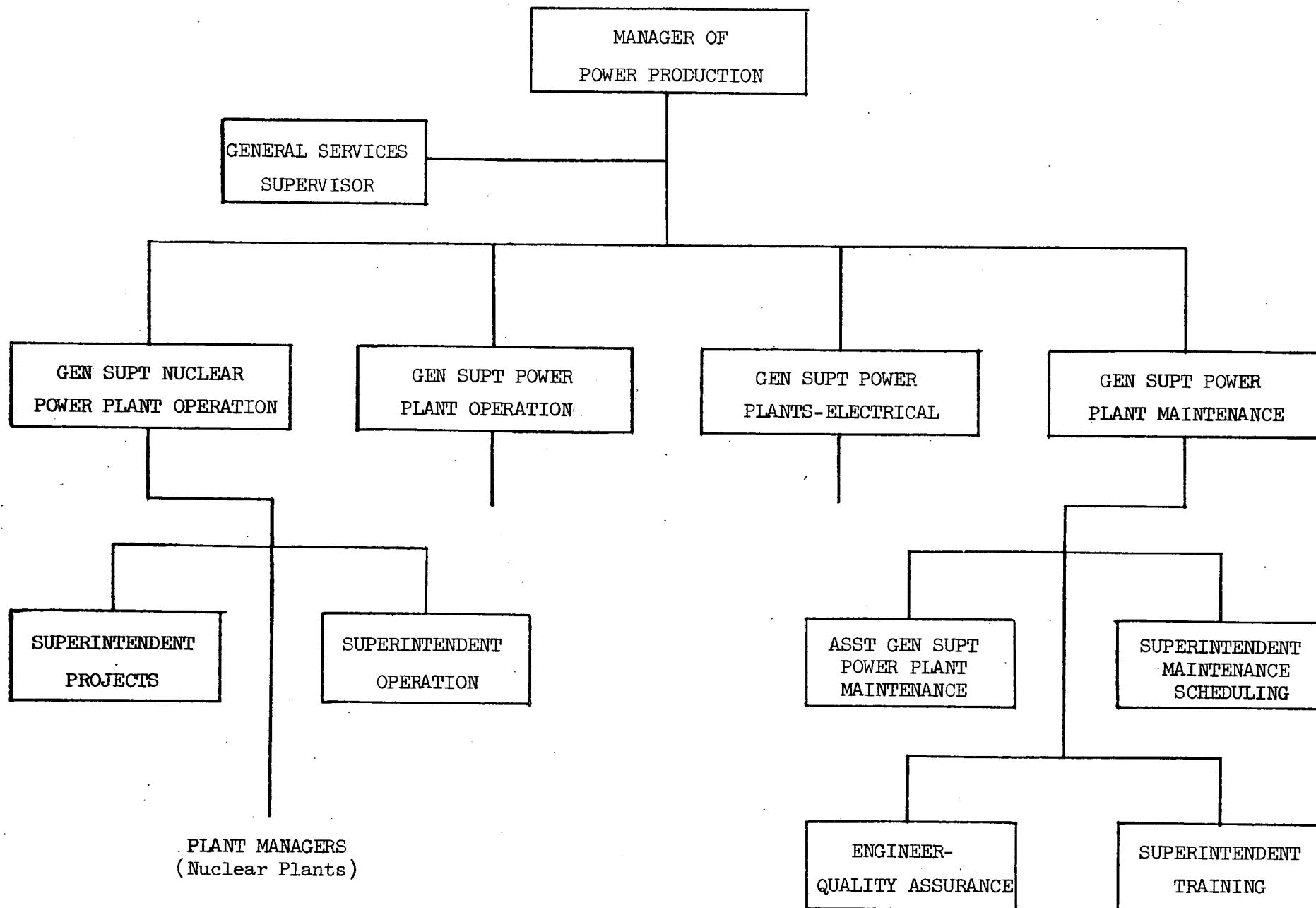


Figure 2
POWER PRODUCTION DEPARTMENT
PARTIAL ORGANIZATIONAL DIAGRAM

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MONTICELLO PLANT
ORGANIZATION

3-1-72

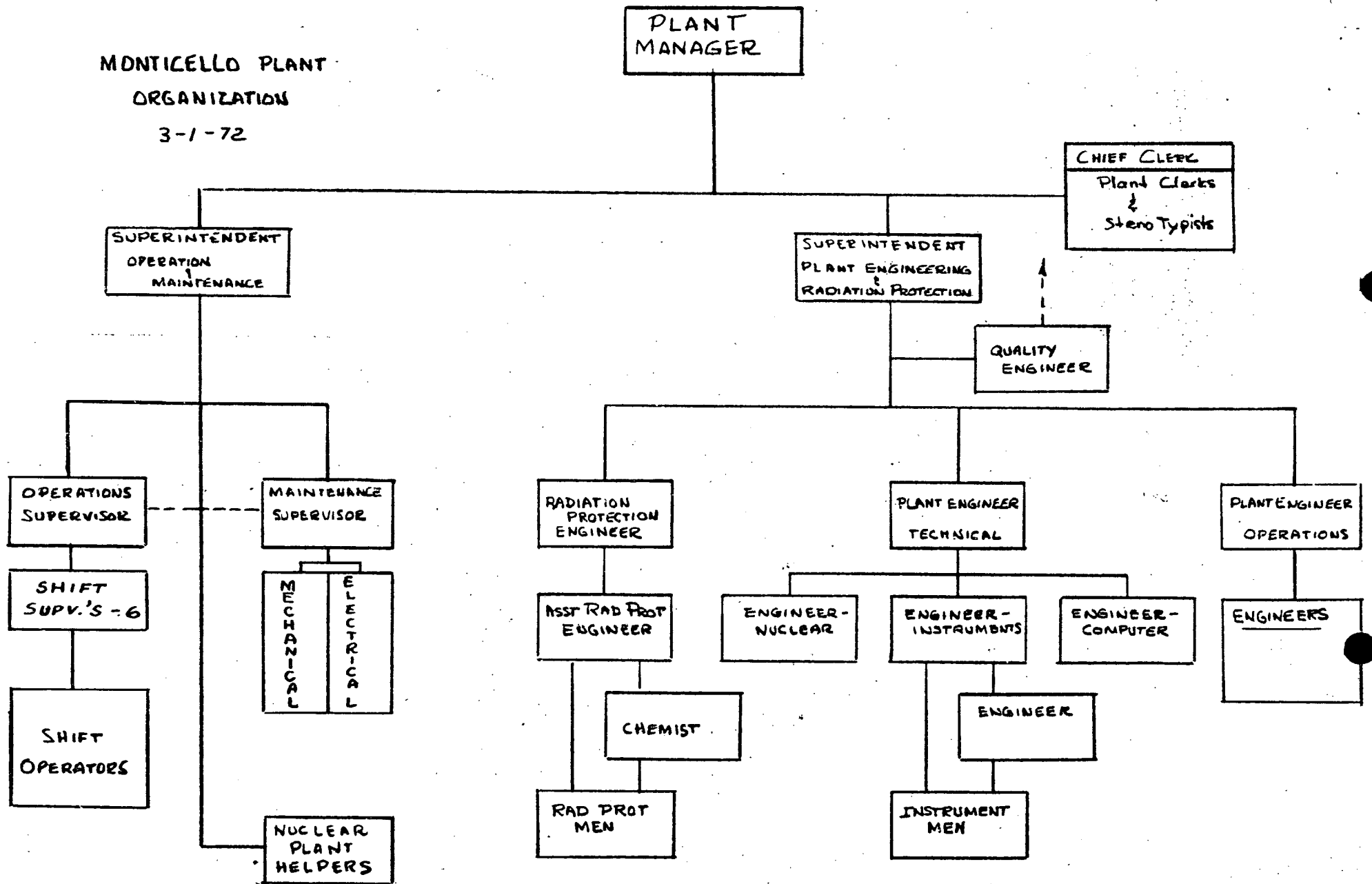


FIGURE-3

WORK EXPERIENCE RESUME

LEE O MAYER

Director - Nuclear Support Services
Northern States Power Company

June 1947	Graduated from the University of Minnesota as a Bachelor of Mechanical Engineering with distinction.
July 1947	Employed by Northern States Power Company as an Engineer in the plant results group in a major electrical generating plant.
June 1948	Assigned additional mechanical engineering responsibilities in connection with the construction, startup and operation of new generating plant additions in the outlying divisions of NSP Co.
January 1951	Recalled into the U S Marine Corps for active duty as an artillery officer.
May 1952	Resumed the duties of a plant results engineer in several divisional electric generating plants with the engineering responsibility for plant operating and maintenance activities.
December 1953	Transferred to the Power Production Department in the General Office of NSP Co. as a supervising engineer. A supervising engineer has day to day engineering responsibilities for the technical activities of several specifically assigned electric generating plants.
Spring & Summer 1957	Advanced math and physics courses at the University of Minnesota in preparation for a nuclear training assignment.
September 1957	Entered the Oak Ridge School of Reactor Technology program which consisted of six months of graduate level work at Northwestern University, and six months of reactor technology training at Oak Ridge.

September 1958

Returned to the NSP General Office, Power Production Department as Supervisor of Production with the prime responsibility of planning and developing the plant organization and training program for the Pathfinder Nuclear Generating Plant. Additional duties were operating department review and comment on Pathfinder Plant design and related construction activities and certain other cost and statistical studies of fossil electric generating plant operations.

June 1961

Appointed Superintendent of Steam Plant Operation with responsibility for the mechanical operations of all NSP steam-electric generating plants and continuing direct supervisory responsibility for the Pathfinder Plant project.

June 1962

Promoted to General Superintendent of Power Production Department which entails total responsibility for all electric generating plant operation, maintenance, personnel, and related activities. Continued to be directly responsible for and active in the Pathfinder Plant project.

During the latter part of the 1960's assumed overall direction of the manpower planning and training program for the Monticello and Prairie Island Nuclear Generating Plants with day to day assistance being provided by nuclear supervising engineers who were assigned to the Power Production Office. Was appointed Chairman of the Pathfinder Safety Committee in September, 1965 and continued as Chairman until the dissolution of this Committee in 1969.

June 1970

Promoted to Manager of Power Production with essentially the same overall responsibilities for all NSP electric generating plants.

November 1971

Promoted to Director of Nuclear Support Services with responsibility for outlining and staffing an organization to provide technical support services for NSP nuclear plant activities.

December 1971

Appointed Chairman of the Monticello Safety Audit Committee.

Affiliations

American Nuclear Society

Air Pollution Control Association - Upper Midwest Section

Registered Professional Engineer - Minnesota

WORK EXPERIENCE RESUME

MARCUS H VOTH

Administrator - Nuclear Support Services
Northern States Power Company

June 1965	Graduated from Valparaiso University with a B S Degree in Electrical Engineering. Had summer employment with the Memory Group of the Data Systems Division of Collins Radio Company working mainly on circuit design.
June 1967	Graduated from Penn State University with a M S in Nuclear Engineering. His curriculum centered around reactor instrumentation and control and his thesis was involved with in-core nuclear instrumentation.
Summer 1967	Employed by Milletron, Inc. as a Junior Nuclear Engineer and worked on several nuclear instrumentation systems.
September 1967	Employed by NSP and assigned to the Results crew at Pathfinder. Was active in the dismantling of the vessel internals following the shutdown of the Pathfinder reactor and was responsible for conducting several investigations on the core fuel.
April 1, 1968	Assigned to the Monticello organization as the Engineer-Nuclear and was responsible for teaching the reactor physics portion of the Basic Nuclear Course.
July 1968	Attended a twelve week course in Station Nuclear Engineering conducted by G E personnel. Also attended the G E BWR Technology Course.
November 1968	Began a six month OJT course with the G E core analysis group and nuclear steam supply computer group. Work was primarily directed toward core performance calculations and computer applications.
May 1969	Returned to the Monticello site and participated in pre-operational testing, training of personnel, procedure preparation and review, etc. as Engineer-Nuclear.

Summer 1970

Played a major role in the initial core loading and criticality, startup testing, and power operation as the Engineer-Nuclear.

December 1971

Transferred to the Nuclear Support Services Department in the NSP General Office as Administrator - Nuclear Support Services.

Affiliations

American Nuclear Society

Institute of Electrical and Electronic Engineers

Tau Beta Pi

The Society of Sigma Tau Omega

WORK EXPERIENCE RESUME

DAVID W JAMES

Administrator - Nuclear Support Services
Northern States Power Company

June 1968

Graduated from the University of Minnesota as a Bachelor of Chemical Engineering with supplementary mathematics courses and three quarters of Nuclear Engineering study under Dr. Herbert Isbin.

January 1970

Graduated from Purdue University with a degree of Master of Science in Nuclear Engineering.

May 1970

Employed by Bechtel Corp with initial responsibility as co-coordinator of the Peach Bottom FSAR.

September 1970

Joined Containment Analysis Group at Bechtel. Duties included determination of containment pressure responses during loss-of-coolant accidents for PWR's and BWR's.

Also made contributions in the areas of reactor building steam flooding and sacrificial shield analysis.

June 1971

Assigned to the position of Licensing Engineer which involved coordination and handling of the production of final supplements to a reactor project PSAR and compiled supporting information for the project engineer for use in meetings with the AEC.

Also provided coordination and writing of certain sections of the Environmental Report Supplement for a nuclear plant project.

April 1972

Employed by Northern States Power Company in their General Office, Nuclear Support Services Department.

WORK EXPERIENCE RESUME

GERALD H NEILS

Gen Supt of Nuclear Power Plant Operation
Northern States Power Company

February 1955

Graduated from the University of North Dakota with a B S Degree in Electrical Engineering.

Hired by NSP and assigned to the Results Group in a large fossil-fuel plant. During this assignment he participated responsibly in the checkout and initial startup of a large unit, detailed diagnostic testing to guide major redesign of another large boiler, an ASME Code turbine test, and several turbine-generator major-overhaul inspections.

April 1957

Reassigned as Results Engineer in another fossil plant, assisting the Superintendent in plant operations and maintenance supervision as well as results engineering work.

February 1959

Attended the First Shipping port Nuclear Power Station Supervisor's Course. Completion examination was the equivalent of a license qualification.

July 1959

Assigned to Allis-Chalmers Greendale Laboratory for work-training in connection with Pathfinder instrument and control design and the startup, operation, and physics testing in the Critical Facility. He participated in the planning, conduct, and operation of critical experiments and qualified for Operator License (OP-776) on March 30, 1960.

May 1960

Returned to the NSP Nuclear Power Department to review and comment on Pathfinder design documents and drawings, to act as an instructor for training of other personnel, and to participate in other training experience.

August 1961

Transferred to Pathfinder Plant site to continue design review and training duties and assume the further responsibility as Plant Results Engineer in connection with plant construction and check-out. In this capacity he was responsible for testing and preoperational checkout of all process and nuclear instrumentation. He participated in the design considerations and development of normal and special operating procedures, and received "cold" license (SOP-185) in October 1963. He participated actively in all nuclear startup testing and was one of three persons initially qualified to serve as Operations Supervisor during this activity. He was a regular member of the plant Operations Committee.

September 1966

Transferred to Power Production Department as Supervising Engineer-Nuclear with responsibilities for Pathfinder Plant during the remainder of its power escalation program. Subsequently assigned responsibilities for Monticello and participated in initial technical review, key personnel selection, and preliminary manning and training programming.

May 1968

Reassigned as Nuclear Plant Supervising Engineer-Nuclear with primary responsibilities for Prairie Island Plant. In this capacity, reviewed for comment preliminary design drawings, specifications and proposals for the Power Production Department. Participated in establishing the preliminary training program and selection of key personnel. Primary duties involved technical supervision of plant operating organization activities related to preparation for plant startup, and liaison with technical personnel in other project-responsible departments.

December 1, 1972

Reassigned as General Supt-Nuclear Power Plant Operation, with responsibilities for all Power Production Department operating activities and personnel of both Monticello and Prairie Island.

Affiliations

EEI Prime Mover Committee's Nuclear Plant Design and Operations Task Force
Point Beach Nuclear Plant Offsite Review Committee

WORK EXPERIENCE RESUME

RALPH L SCHEINOST

Superintendent - Operations
Northern States Power Company

June 1961	Graduated from the South Dakota School of Mines and Technology with a B S Degree in Mechanical Engineering.
June 1961	Employed by Montana Dakota Utilities in the natural gas Production and Transmission Division.
1962 - 1964	Served with the U S Army as an officer in the Corps of Engineers.
June 1964	Hired by NSP and assigned to the Results Group in a large fossil fuel plant. Work assignments included equipment performance testing and process instrument and control work.
November 1965	Transferred to the Pathfinder Plant as a member of the Results crew. Participated in many of the startup tests at Pathfinder.
May 1967	Successfully passed the AEC license examination and received a Senior Operator's License (SOP-882). Had continued responsibilities in the power testing program at Pathfinder and completed investigation of core components following the shutdown of the reactor plant.
January 1968	Appointed to the Pathfinder Operations Committee. Directed activities for converting to fossil fuel generation and for operation under the 10 CFR 50 "Possession Only" license which included off-site shipment of the nuclear fuel.
February 1970	Promoted to Steam Plant Supervising Engineer. Assigned those responsibilities for Pathfinder and other fossil fuel generating plants.

December 1970

Assigned Supervising Engineer-Nuclear responsibilities for the Monticello Nuclear Generating Plant. Also retained departmental responsibilities for dismantling activities for the Pathfinder reactor.

February 1972

Assigned responsibilities of newly created position of Superintendent-Operations in nuclear operations section of Power Production Department.

WORK EXPERIENCE RESUME

JAMES R TACHENY

Superintendent - Projects
Northern States Power Company

June 1956

Graduated from St Johns University, receiving a B S degree with a natural science major.

June 1958

Graduated from the University of Minnesota, receiving a B S degree in Electrical Engineering.

July 1, 1958

Employed by Northern States Power Co as Jr Engineer and later as Engineer in the Electric Plant Section of Power Production Department. The dept is charged with responsibility for operation and maintenance of all generating stations in the NSP system. Duties were to supervise the operation and maintenance of electric generating equipment under the direction and guidance of a Supervising Engineer.

1. Maintenance inspection of generators, exciters, and station auxiliary power plant electrical equipment.
2. Supervision of testing and initial operation of new power plant equipment.
3. Determining and writing operating procedures for power plant equipment - conducting operator training.
4. Trouble shooting power plant systems to determine causes of equipment failure and specify modifications to plant systems or equipment.

May 1, 1966

Promoted to position of Supervising Engineer in Power Production Department of Northern States Power Co. The general scope of duties remained the same as above with increased responsibilities.

1. Worked as the Electrical Engineer member of a committee which prepared the specifications for the power plant computer installed in our 600 MW AS King unit. This was the first power plant computer used by NSP and this committee, therefore, made a thorough analysis to determine correct electrical and mechanical operating procedures. Many of the electrical procedures are applicable to nuclear plants. (1966-1967)

2. Supervised the checkout and startup of two diesel engine driven peaking plants which contain units very similar to the ones installed in Monticello Nuclear Plant as emergency generators. This experience broadened knowledge of both the mechanical and electrical aspects of this type unit. (1968-1969)
3. Acted as back-up electrical representative from NSP Power Production Department during pre-operational checkout and startup of Monticello Nuclear Plant. Primary experience was in determining proper operating procedures and with writing, reviewing, and conducting pre-operational tests on various plant systems. Where tests indicated that modifications were necessary to meet design specs or where design did not appear proper, presentations to the architect engineer for consideration and action were part of this responsibility.

July 1, 1970

Assigned as Supervising Engineer, Electrical from NSP Power Production Department for the installation and startup of Prairie Island Nos 1 & 2 units.

February 1, 1972

Promoted to position of Superintendent-Projects in Power Production Department, Nuclear Section.

Affiliations

Registered Professional Engineer - Minnesota