UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 21, 1986

Docket Nos: 50-373
and 50-374

Mr. Dennis L. Farrar
Director of Licensing
Commonwealth Edison Company
P.O. Box 767
Chicago, Illinois 60690

Dear Mr. Farrar:

Subject: Issuance of Amendment No. 47 to Facility Operating License No. NPF-11 and Amendment No. 29 to Facility Operating License No. NPF-18 - La Salle County Station, Units 1 and 2

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 47 to Facility Operating License No. NPF-11 and Amendment No. 29 to Facility Operating License No. NPF-18 for the La Salle County Station, Units 1 and 2. These amendments are in response to your letters dated December 20, 1985, April 29, August 13, and September 3, 1986.

The amendments revise the La Salle County Station, Units 1 and 2 Technical Specifications to incorporate certain changes made to the Administrative Controls Section of the Technical Specifications.

A copy of the related safety evaluation supporting Amendment No. 47 to Facility Operating License No. NPF-11 and Amendment No. 29 to Facility Operating License No. NPF-18 is enclosed.

Sincerely,

Elinor G. Adensam

Elinor G. Adensam, Director
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosures:
1. Amendment No. 47 to NPF-11
2. Amendment No. 29 to NPF-18
3. Safety Evaluation

cc w/enclosure:
See next page

DESIGNATED ORIGINAL

Certified By

cc:
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AMENDMENT NO. 47 TO FACILITY OPERATING LICENSE NO. NPF-11 - LA SALLE, UNIT 1
AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-18 - LA SALLE, UNIT 2

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-373

LA SALLE COUNTY STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 47
License No. NPF-11

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:

   A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated December 20, 1985, April 29, August 13, and September 3, 1986, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment; and paragraph 2.C.(2) of the Facility Operating License No. NPF-11 is hereby amended to read as follows:

   (2) Technical Specifications and Environmental Protection Plan

   The Technical Specifications contained in Appendix A, as revised through Amendment No. 47, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This amendment is effective upon date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam, Director
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosure:
Changes to the Technical
Specifications

Date of Issuance: November 21, 1986

ENCLOSURE TO LICENSE AMENDMENT NO. 47

FACILITY OPERATING LICENSE NO. NPF-11

DOCKET NO. 50-373

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain a vertical line indicating the area of change.

REMOVE	INSERT
6-1	6-1
6-1a	---
6-3	6-3
6-4	6-4
6-5	6-5
6-6	6-6
6-7	6-7
6-8	6-8
6-9	6-9
6-10	6-10
6-11	6-11
6-12	6-12
6-17	6-17
6-19	6-19
6-20	6-20

6.0 ADMINISTRATIVE CONTROLS

6.1 ORGANIZATION, REVIEW, INVESTIGATION, AND AUDIT

A. The Station Manager shall have overall full-time responsibility for safe operation of the facility. During periods when the Station Manager is unavailable, he shall designate this responsibility to an established alternate who satisfies the ANSI N18.1 of March 8, 1971 experience requirements for plant manager.

The Shift Supervisor shall be responsible for directing and commanding the overall operation of the facility on his shift. The primary management responsibility of the Shift Supervisor shall be for safe operation of the nuclear facility on his shift under all conditions. A management directive signed by Assistant Vice President and General Manager - Nuclear Stations emphasizing this primary management responsibility and that clearly establishes the command duties of the Shift Supervisor shall be reissued to all station personnel on an annual basis.

B. The corporate management which relates to the operation of this station is shown in Figure 6.1-1.

C. The normal functional organization for operation of the station shall be as shown in Figure 6.1-2. The shift manning for the station shall be as shown in Figure 6.1-3. The individual filling the position of Assistant Superintendent Technical Services shall meet the minimum acceptable level for "Technical Manager" as described in Section 4.2.4 of ANSI N18.1-1971. The individuals filling the positions of Production Superintendent and Services Superintendent shall meet the minimum acceptable level for "Plant Manager" as described in Section 4.2.1 of ANSI N18.1-1971.

1. At least one licensed Reactor Operator shall be in the control room when fuel is in the reactor. In addition, while the reactor is in OPERATIONAL CONDITION 1, 2 or 3, at least one licensed Senior Reactor Operator who has been designated by the Shift Supervisor to assume the control room direction responsibility shall be in the Control Room.
2. A health physics technician* shall be on site when fuel is in the reactor.
3. All CORE ALTERATIONS shall be observed and directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
4. A site Fire Brigade of at least 5 members shall be maintained onsite at all times*. The Fire Brigade shall not include the Shift Supervisor, the Station Control Room Engineer and the 2 other members of the minimum shift crew necessary for safe shutdown of the unit and any personnel required for other essential functions during a fire emergency.

*The health physics technician and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed two hours in order to accomodate unexpected absence provided immediate action is taken to fill the required positions.

Any deviation from the above guidelines shall be authorized by the Production or Services Superintendents for their individual departments, or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Controls shall be included in the procedures such that individual overtime shall be reviewed monthly by the Production or Services Superintendents to assure that excessive hours have not been assigned. Routine deviation from the above guidelines is not authorized.

D. Qualifications of the station management and operating staff shall meet minimum acceptable levels as described in ANSI N18.1, "Selection and Training of Nuclear Power Plant Personnel," dated March 8, 1971. The Rad/Chem Supervisor shall meet the requirements of radiation protection manager of Regulatory Guide 1.8, September, 1975. The ANSI N18.1-1971 qualification requirements for Rad/Chem Technician may also be met by either of the following alternatives:

1. Individuals who have completed the Rad/Chem Technician training program and have accrued 1 year of working experience in the specialty, or

2. Individuals who have completed the Rad/Chem Technician training program, but have not yet accrued 1 year of working experience in the specialty, who are supervised by on-shift health physics supervision who meet the requirements of ANSI N18.1-1971 Section 4.3.2, "Supervisor Not Requiring AEC Licenses," or Section 4.4.4, "Radiation Protection."

E. Retraining and replacement training of Station personnel shall be in accordance with ANSI N18.1, "Selection and Training of Nuclear Power Plant Personnel", dated March 8, 1971 and Appendix "A" of 10 CFR Part 55, and shall include familiarization with relevant industry operational experience identified by the ONSG.

F. Retraining shall be conducted at intervals not exceeding 2 years.

G. The Review and Investigative Function and the Audit Function of activities affecting quality during facility operations shall be constituted and have the responsibilities and authorities outlined below:

1. The Superintendent of the Offsite Review and Investigative Function shall be appointed by the Manager of Nuclear Safety. The Audit Function shall be the responsibility of the Manager of Quality Assurance and shall be independent of operations.

a. Offsite Review and Investigative Function

The Superintendent of the Offsite Review and Investigative Function shall: (1) provide directions for the review and investigative function and appoint a senior participant to provide appropriate direction, (2) select each participant for this function, (3) select a complement of more than one participant who collectively possess background and qualifications in the subject matter under review to provide comprehensive interdisciplinary

review coverage under this function, (4) independently review and approve the findings and recommendations developed by personnel performing the review and investigative function, (5) approve and report in a timely manner all findings of non-compliance with NRC requirements to the Station Manager, Assistant Vice President and General Manager - Nuclear Stations, Manager of Quality Assurance, and the Vice President - Nuclear Operations. During periods when the Superintendent of Offsite Review and Investigative Function is unavailable, he shall designate this responsibility to an established alternate, who satisfies the formal training and experience for the Superintendent of the Offsite Review and Investigate Function. The responsibilities of the personnel performing this function are stated below. The Offsite Review and Investigative Function shall review:

1) The safety evaluations for (1) changes to procedures, equipment, or systems as described in the safety analysis report and (2) tests or experiments completed under the provision of 10 CFR 50.59 to verify that such actions did not constitute an unreviewed safety question. Proposed changes to the Quality Assurance Program description shall be reviewed and approved by the Manager of Quality Assurance.
2) Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in 10 CFR 50.59.
3) Proposed tests or experiments which involve an unreviewed safety question as defined in 10 CFR 50.59.
4) Proposed changes in Technical Specifications or NRC operating licenses.
5) Noncompliance with NRC requirements, or of internal procedures, or instructions having nuclear safety significance.
6) Significant operating abnormalities or deviation from normal and expected performance of plant equipment that affect nuclear safety as referred to it by the Onsite Review and Investigative Function.
7) Reportable occurrences requiring 24 hour notification to the NRC.
8) All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety-related structures, systems, or components.
9) Review and report findings and recommendations regarding all changes to the Generating Stations Emergency Plan prior to implementation of such change.
10) Review and report findings and recommendations regarding all items referred by the Technical Staff Supervisor, Station Manager, Assistant Vice President and General Manager - Nuclear Stations, and Manager of Quality Assurance.

b. Audit Function

The Audit Function shall be the responsibility of the Manager of Quality Assurance independent of the Production Department. Such responsibility is delegated to the Director of Quality Assurance (operations) and the Director of Quality Assurance (maintenance).

Either of the above, or designated Corporate Staff or Supervisor approved by the Manager of Quality Assurance, shall approve the audit agenda and checklists, the findings and the report of each audit. Audits shall be performed in accordance with the Company Quality Assurance Program and Procedures. Audits shall be performed to assure that safety-related functions are covered within a period of 2 years or less as designated below.

1) Audit of the conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per year.

2) Audit of the adherence to procedures, training and qualification of the station staff at least once per year.

3) Audit of the results of actions taken to correct deficiencies occurring in facility equipment, structures, systems, or methods of operation that affect nuclear safety at least once per 6 months.

4) Audit of the peformance of activities required by the Quality Assurance Program to meet the Criteria of Appendix "B" 10 CFR 50.

5) Audit of the Facility Emergency Plan and implementing procedures at least once per 12 months.

6) Audit of the Facility Security Plan and implementing procedures.

7) Audit onsite and offsite reviews.

8) Audit the Facility Fire Protection Program and implementing procedures.

9) The radiological environmental monitoring program and the results thereof at least once per 12 months.

10) The OFFSITE DOSE CALCULATION MANUAL and implementing procedures.

Audit Function (Continued)

11) The PROCESS CONTROL PROGRAM and implementing procedures for solidification of radioactive wastes.

12) The performance of activities required by the Company Quality Assurance Program and Procedures to meet the criteria of Regulatory Guide 4.15, December 1977, at least once per 12 months.

Report all findings of noncompliance with NRC requirements and recommendations and results of each audit to the Station Manager, Manager of Nuclear Safety, the Assistant Vice President and General Manager - Nuclear Stations, Manager of Quality Assurance, the Vice Chairman, and the Vice President - Nuclear Operations.

c. Authority

The Manager of Quality Assurance reports to the Chairman of the Board and the Superintendent of the Offsite Review and Investigative Function reports to the Manager of Nuclear Safety. Either the Manager of Quality Assurance or the Superintendent of the Offsite Review and Investigation Function has the authority to order unit shutdown or request any other action which he deems necessary to avoid unsafe plant conditions.

d. Records

1) Reviews, audits, and recommendations shall be documented and distributed as covered in 6.1.G.1.a and 6.1.G.1.b

2) Copies of documentation, reports, and correspondence shall be kept on file at the station.

e. Procedures

Written administrative procedures shall be prepared and maintained for the offsite reviews and investigative functions described in Specification 6.1.G.1.a. and for the audit functions described in Specification 6.1.G.1.b. Those procedures shall cover the following:

1) Content and method of submission of presentations to the Superintendent of the Offsite Review and Investigative Function.

2) Use of committees and consultants.

3) Review and approval.

4) Detailed listing of items to be reviewed.

5) Method of (1) appointing personnel, (2) performing reviews, investigations, (3) reporting findings and recommendations of reviews and investigations, (4) approving reports, and (5) distributing reports.

6) Determining satisfactory completion of action required based on approved findings and recommendations reported by personnel performing the review and investigative function.

Offsite Review and Investigative Function (Continued)

f. Personnel

1) The persons, including consultants, performing the review and investigative function, in addition to the Superintendent of the Offsite Review and Investigative Function shall have expertise in one or more of the following disciplines as appropriate for the subject or subjects being reviewed and investigated:

a) nuclear power plant technology,
b) reactor operations,
c) utility operations,
d) power plant design,
e) reactor engineering,
f) radiological safety,
g) reactor safety analysis,
h) instrumentation and control,
i) metallurgy, and
j) any other appropriate disciplines required by unique characteristics of the facility.

2) Individuals performing the Review and Investigative Function shall possess a minimum formal training and experience as listed below for each discipline.

a) Nuclear Power Plant Technology

Engineering graduate or equivalent with 5 years experience in the nuclear power field design and/or operation.

b) Reactor Operations

Engineering graduate or equivalent with 5 years experience in nuclear power plant operations.

c) Utility Operations

Engineering graduate or equivalent with at least 5 years of experience in utility operation and/or engineering.

d) Power Plant Design

Engineering graduate or equivalent with at least 5 years of experience in power plant design and/or operation.

e) Reactor Engineering

Engineering graduate or equivalent. In addition, at least 5 years of experience in nuclear plant engineering, operation, and/or graduate work in nuclear engineering or equivalent in reactor physics is required.

Offsite Review and Investigative Function (Continued)

f) Radiological Safety

Engineering graduate or equivalent with at least 5 years of experience in radiation control and safety.

g) Reactor Safety Analysis

Engineering graduate or equivalent with at least 5 years of experience in nuclear engineering.

h) Instrumentation and Control

Engineering graduate or equivalent with at least 5 years of experience in instrumentation and control design and/or operation.

i) Metallurgy

Engineering graduate or equivalent with at least 5 years of experience in the metallurgical field.

3) The Superintendent of the Offsite Review and Investigative Function shall have experience and training which satisfy ANSI N18.1-1971 requirements for plant managers.

2. The Onsite Review and Investigative Function shall be supervised by the Station Manager.

a. Onsite Review and Investigative Function

The Station Manager shall: (1) provide direction for the Review and Investigative Function and appoint the Technical Staff Supervisor, or other comparably qualified individual as a senior participant to provide appropriate directions; (2) approve participants for this function; (3) assure that a component of more than one participant who collectively possess background and qualifications in the subject matter under review are selected to provide comprehensive interdisciplinary review coverage under this function; (4) independently review and approve the findings and recommendations developed by personnel performing the Review and Investigative Function; (5) report all findings of noncompliance with NRC requirements, and provide recommendations to the Assistant Vice President and General Manager - Nuclear Stations and the Superintendent of the Offsite Review and Investigative Function; and (6) submit to the Offsite Review and Investigative Function for concurrence in a timely manner, those items described in Specification 6.1.G.1.a which have been approved by the Onsite Review and Investigative Function.

The responsibilities of the personnel performing this function are stated below:

1) Review of (1) procedures required by Specification 6.2 and changes thereto, (2) all programs required by Specification 6.2 and changes thereto, and (3) any other proposed procedures or changes thereto as determined by the Station Manager to affect nuclear safety.

2) Review of all proposed test and experiments that affect nuclear safety.

Onsite Review and Investigative Function (Continued)

3) Review of all proposed changes to the Technical Specifications.

4) Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.

5) Investigation of all noncompliance with NRC requirements and shall prepare and forward a report covering evaluation and recommendations to prevent recurrence to the Assistant Vice President and General Manager - Nuclear Stations and to the Superintendent of the Offsite Review and Investigative Function.

6) Review of facility operations to detect potential safety hazards.

7) Performance of special reviews and investigations and reports thereon as requested by the Superintendent of the Offsite Review and Investigative Function.

8) Review of the Station Security Plan and shall submit recommended changes to the Assistant Vice President and General Manager - Nuclear Stations.

9) Review of the Emergency Plan and station implementing procedures and shall submit recommended changes to the Assistant Vice President and General Manager - Nuclear Stations.

10) Review of reportable events and actions taken to prevent recurrence.

11) Review of every unplanned onsite release of radioactive material to the environs including the preparation and forwarding of reports covering evaluation, recommendations and disposition of the corrective action to prevent recurrence to the Assistant Vice President and General Manager - Nuclear Stations and to the Superintendent of the Offsite Review and Investigative Function.

12) Review of changes to the PROCESS CONTROL PROGRAM, OFFSITE DOSE CALCULATION MANUAL, and radwaste treatment systems.

b. Authority

The Technical Staff Supervisor is responsible to the Station Manager and shall make recommendations in a timely manner in all areas of review, investigation, and quality control phases of plant maintenance, operation, and administrative procedures relating to facility operations and shall have the authority to request the action necessary to ensure compliance with rules, regulations, and procedures when in his opinion such action is necessary. The Station Manager shall follow such recommendations or select a course of action that is more conservative regarding safe operation of the facility. All such disagreements shall be reported immediately to the Assistant Vice President and General Manager - Nuclear Stations and the Superintendent of the Offsite Review and Investigative Function.

Onsite Review and Investigative Function (Continued)

c. Records

1) Reports, reviews, investigations, and recommendations shall be documented with copies to the Assistant Vice President and General Manager - Nuclear Stations, the Superintendent of the Offsite Review and Investigative Function, the Station Manager, and the Manager of Quality Assurance.

2) Copies of all records and documentation shall be kept on file at the station.

d. Procedures

Written administrative procedures shall be prepared and maintained for conduct of the Onsite Review and Investigative Function. These procedures shall include the following:

1) Content and method of submission and presentation to the Station Manager, Assistant Vice President and General Manager - Nuclear Stations, and the Superintendent of the Offsite Review and Investigative Function.

2) Use of committees.

3) Review and approval.

4) Detailed listing of items to be reviewed.

5) Procedures for administration of the quality control activities.

6) Assignment of responsibilities.

e. Personnel

1) The personnel performing the Onsite Review and Investigative Function, in addition to the Station Manager, shall consist of persons having expertise in:

a) nuclear power plant technology,
b) reactor operations,
c) reactor engineering,
d) radiological safety and chemist,
e) Instrumentation and control, and
f) mechanical and electric systems.

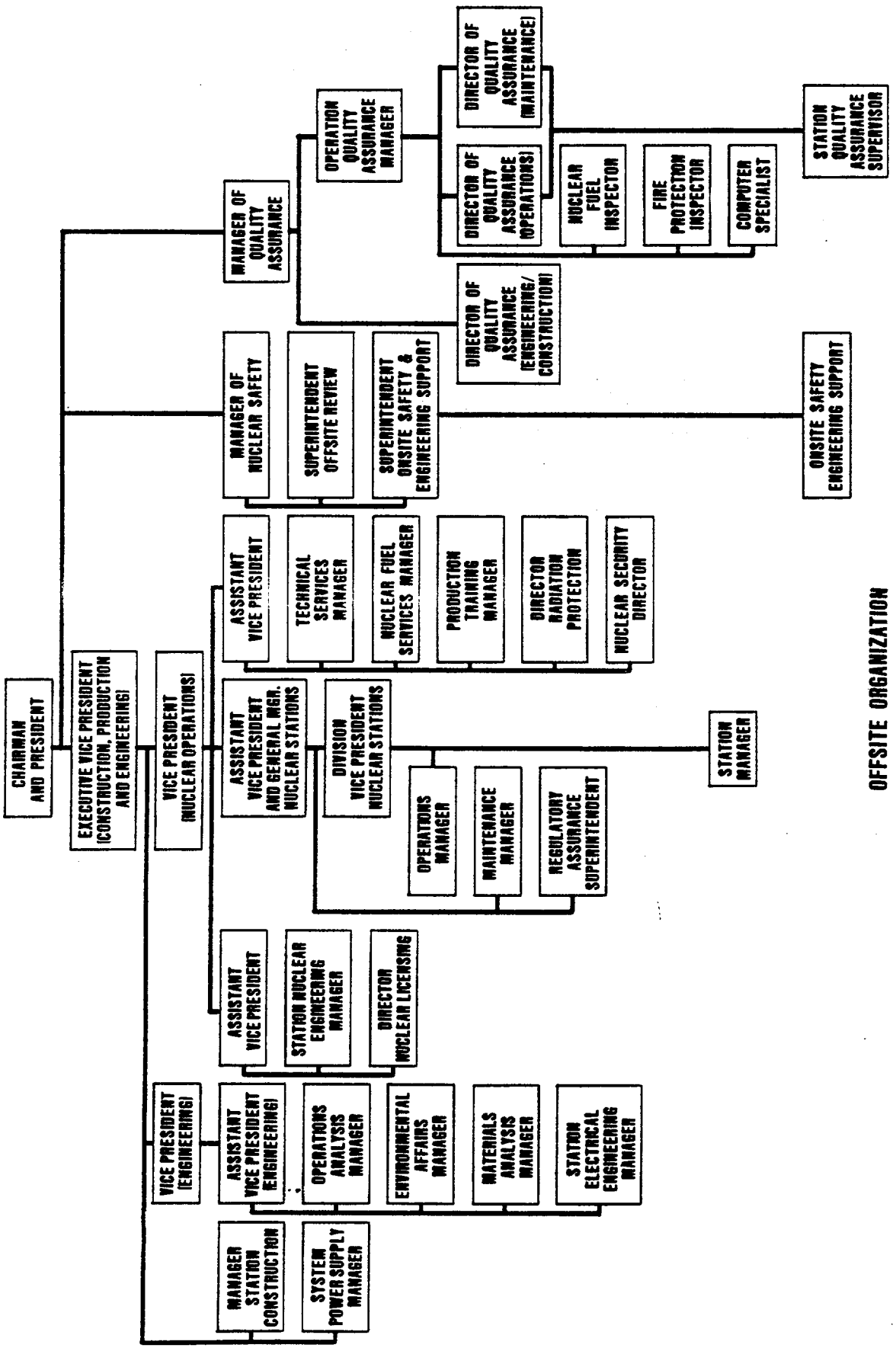
2) Personnel performing the Onsite Review and Investigative Function shall meet minimum acceptable levels as described in ANSI N18.1-1971, Sections 4.2 and 4.4.

H. Fire Protection Program

An independent fire protection and loss prevention program inspection and audit shall be performed at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.

An inspection and audit of the fire protection and loss prevention program shall be performed by a qualified outside fire consultant at least once per 36 months.

FIGURE 6.1-1


CHAIRMAN AND PRESIDENT
EXECUTIVE VICE PRESIDENT (CONSTRUCTION, PRODUCTION AND ENGINEERING)
VICE PRESIDENT (NUCLEAR OPERATIONS)
VICE PRESIDENT (ENGINEERING)
MANAGER OF QUALITY ASSURANCE
OPERATION QUALITY ASSURANCE MANAGER
DIRECTOR OF QUALITY ASSURANCE (MAINTENANCE)
DIRECTOR OF QUALITY ASSURANCE (OPERATIONS)
NUCLEAR FUEL INSPECTOR
FIRE PROTECTION INSPECTOR
COMPUTER SPECIALIST
STATION QUALITY ASSURANCE SUPERVISOR
DIRECTOR OF QUALITY ASSURANCE (ENGINEERING/ CONSTRUCTION)
MANAGER OF NUCLEAR SAFETY
SUPERINTENDENT OFFSITE REVIEW
SUPERINTENDENT ONSITE SAFETY & ENGINEERING SUPPORT
ONSITE SAFETY ENGINEERING SUPPORT
ASSISTANT VICE PRESIDENT
TECHNICAL SERVICES MANAGER
NUCLEAR FUEL SERVICES MANAGER
PRODUCTION TRAINING MANAGER
DIRECTOR RADIATION PROTECTION
NUCLEAR SECURITY DIRECTOR
ASSISTANT VICE PRESIDENT AND GENERAL MGR. NUCLEAR STATIONS
DIVISION VICE PRESIDENT NUCLEAR STATIONS
STATION MANAGER
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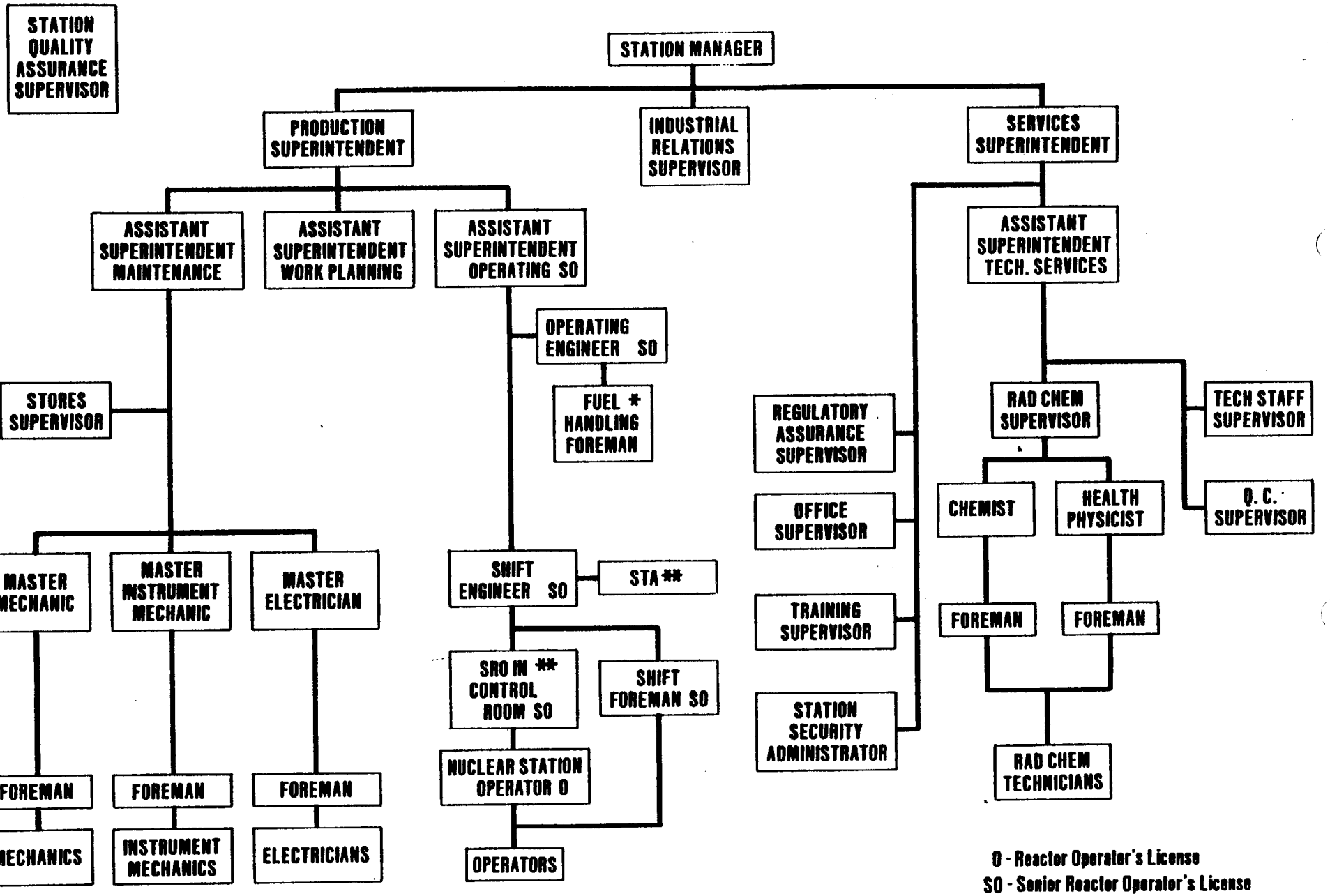
ASSISTANT VICE PRESIDENT
STATION NUCLEAR ENGINEERING MANAGER
DIRECTOR NUCLEAR LICENSING
ASSISTANT VICE PRESIDENT (ENGINEERING)
OPERATIONS ANALYSIS MANAGER
ENVIRONMENTAL AFFAIRS MANAGER
MATERIALS ANALYSIS MANAGER
STATION ELECTRICAL ENGINEERING MANAGER
MANAGER STATION CONSTRUCTION
SYSTEM POWER SUPPLY MANAGER
OFFSITE ORGANIZATION



STATION ORGANIZATION

O - Reactor Operater's License
SO - Senior Reactor Operator's License
* - Fuel Handling Foreman has SO or SO (Limited). Required only during fuel handling.
** - May be filled by a SCRE.

FIGURE 6.1-2

PLANT OPERATING PROCEDURES AND PROGRAMS (Continued)

B. Radiation control procedures shall be maintained, made available to all station personnel, and adhered to. These procedures shall show permissible radiation exposure and shall be consistent with the requirements of 10 CFR 20. This radiation protection program shall be organized to meet the requirements of 10 CFR 20.

C. 1. Procedures for items identified in Specification 6.2.A and any changes to such procedures shall be reviewed and approved by the Operating Engineer and the Technical Staff Supervisor in the areas of operation, fuel handling, or instrument maintenance, and by the Assistant Superintendent Maintenance and Technical Staff Supervisor in the areas of plant maintenance and plant inspection. Procedures for items identified in Specification 6.2.B and any changes to such procedures shall be reviewed and approved by the Technical Staff Supervisor and the Radiation Chemistry Supervisor. At least one person approving each of the above procedures shall hold a valid senior operator's license. In addition, these procedures and changes thereto, must have authorization by the Station Manager before being implemented.

2. Work and instruction type procedures which implement approved maintenance or modification procedures shall be approved and authorized by the Assistant Superintendent Maintenance where the written authority has been provided by the Station Manager. The "Maintenance/Modification Procedure" utilized for safety-related work shall be so approved only if procedures referenced in the "Maintenance/Modification Procedure" have been approved as required by 6.2.A. Procedures which do not fall within the requirements of 6.2.A or 6.2.B may be approved by the Department Heads.

D. Temporary changes to procedures 6.2.A and 6.2.B above may be made provided:

1. The intent of the original procedure is not altered.
2. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's Licese on the unit affected.
3. The change is documented, reviewed by the Onsite Review and Investigative Function and approved by the Station Manager within 14 days of implementation.

E. Drills of the emergency procedures described in Specification 6.2.A.4 shall be conducted at frequencies as specified in the Generating Stations Emergency Plan (GSEP). These drills will be planned so that during the course of the year, communication links are tested and outside agencies are contacted.

6.4 ACTION TO BE TAKEN IN THE EVENT A SAFETY LIMIT IS EXCEEDED

If a safety limit is exceeded, the reactor shall be shut down immediately pursuant to Specification 2.1.1, 2.1.2 and 2.1.3, and critical reactor operation shall not be resumed until authorized by the NRC. The conditions of shutdown shall be promptly reported to the Assistant Vice President and General Manager - Nuclear Stations or his designated alternate. The incident shall be reviewed pursuant to Specifications 6.1.G.1.a and 6.I.G.2.a and a separate License Event Report for each occurrence shall be prepared in accordance with Section 50.73 to 10 CFR Part 50. The NRC Operations Center shall be notified by telephone as soon as possible and in all cases within one hour. The Assistant Vice President and General Manager - Nuclear Stations and the Manager of Nuclear Safety shall be notified within 24 hours.

6.5 PLANT OPERATING RECORDS

A. Records and/or logs relative to the following items shall be kept in a manner convenient for review and shall be retained for at least 5 years:

1. Records of normal plant operation, including power levels and periods of operation at each power level;

2. Records of principal maintenance and activities, including inspection and repair, regarding principal items of equipment pertaining to nuclear safety;

3. Records and reports of reportable events;

4. Records and periodic checks, inspection and/or calibrations performed to verify that the surveillance requirements (see Section 4 of these specifications) are being met. All equipment failing to meet surveillance requirements and the corrective action taken shall be recorded;

5. Records of changes to operating procedures;

6. Shift engineers' logs; and

7. Byproduct material inventory records and source leak test results.

PLANT OPERATING RECORDS (Continued)

B. Records and/or logs relative to the following items shall be recorded in a manner convenient for review and shall be retained for the life of the plant:

1. Substitution or replacement of principal items of equipment pertaining to nuclear safety;
2. Changes made to the plant as it is described in the SAR;
3. Records of new and spent fuel inventory and assembly histories;
4. Updated, corrected, and as-built drawings of the plant;
5. Records of plant radiation and contamination surveys;
6. Records of offsite environmental monitoring surveys;
7. Records of radiation exposure for all plant personnel, including all contractors and visitors to the plant, in accordance with 10 CFR Part 20;
8. Records of radioactivity in liquid and gaseous wastes released to the environment;
9. Records of transient or operational cycling for those components that have been designed to operate safety for a limited number of transient or operational cycles (identified in Table 5.7.1-1);
10. Records of individual staff members indicating qualifications, experience, training, and retraining;
11. Inservice inspections of the reactor coolant system;
12. Minutes of meetings and results of reviews and audits performed by the offsite and onsite review and audit functions;
13. Records of reactor tests and experiments;
14. Records of Quality Assurance activities required by the QA Manual, except for those items specified in Section 6.5.A;
15. Records of reviews performed for changes made to procedures on equipment or reviews of tests and experiments pursuant to 10 CFR 50.59; and
16. Records of the service lives of all hydraulic and mechanical snubbers required by specification 3.7.9 including the date at which the service life commences and associated installation and maintenance records.
17. Records of analyses required by the radiological environmental monitoring program.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

COMMONWEALTH EDISON COMPANY

DOCKET NO. 50-374

LA SALLE COUNTY STATION, UNIT 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 29
License No. NPF-18

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:

   A. The application for amendment filed by the Commonwealth Edison Company (the licensee), dated December 20, 1985, April 29, August 13, and September 3, 1986, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;

   C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the enclosure to this license amendment; and paragraph 2.C.(2) of the Facility Operating License No. NPF-18 is hereby amended to read as follows:

   (2) Technical Specifications and Environmental Protection Plan

   The Technical Specifications contained in Appendix A, as revised through Amendment No. 29, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This amendment is effective upon date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Elinor G. Adensam

Elinor G. Adensam, Director
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosure:
Changes to the Technical
Specifications

Date of Issuance: November 21, 1986

ENCLOSURE TO LICENSE AMENDMENT NO. 29

FACILITY OPERATING LICENSE NO. NPF-18

DOCKET NO. 50-374

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by Amendment number and contain a vertical line indicating the area of change.

REMOVE	INSERT
6-1	6-1
6-3	6-3
6-4	6-4
6-5	6-5
6-6	6-6
6-7	6-7
6-8	6-8
6-9	6-9
6-10	6-10
6-11	6-11
6-12	6-12
6-17	6-17
6-19	6-19
6-20	6-20

6.1 ORGANIZATION, REVIEW, INVESTIGATION, AND AUDIT

A. The Station Manager shall have overall full-time responsibility for safe operation of the facility. During periods when the Station Manager is unavailable, he shall designate this responsibility to an established alternate who satisfies the ANSI N18.1 of March 8, 1971 experience requirements for plant manager.

The Shift Supervisor shall be responsible for directing and commanding the overall operation of the facility on his shift. The primary management responsibility of the Shift Supervisor shall be for safe operation of the nuclear facility on his shift under all conditions. A management directive signed by Assistant Vice President and General Manager - Nuclear Stations emphasizing this primary management responsibility and that clearly establishes the command duties of the Shift Supervisor shall be reissued to all station personnel on an annual basis.

B. The corporate management which relates to the operation of this station is shown in Figure 6.1-1.

C. The normal functional organization for operation of the station shall be as shown in Figure 6.1-2. The shift manning for the station shall be as shown in Figure 6.1-3. The individual filling the position of Assistant Superintendent Technical Services shall meet the minimum acceptable level for "Technical Manager" as described in Section 4.2.4 of ANSI N18.1-1971. The individuals filling the positions of Production Superintendent and Services Superintendent shall meet the minimum acceptable level for "Plant Manager" as described in Section 4.2.1 of ANSI N18.1-1971.

1. At least one licensed Reactor Operator shall be in the control room when fuel is in the reactor. In addition, while the reactor is in OPERATIONAL CONDITION 1, 2 or 3, at least one licensed Senior Reactor Operator who has been designated by the Shift Supervisor to assume the control room direction responsibility shall be in the Control Room.
2. A health physics technician* shall be on site when fuel is in the reactor.
3. All CORE ALTERATIONS shall be observed and directly supervised by either a licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling who has no other concurrent responsibilities during this operation.
4. A site Fire Brigade of at least 5 members shall be maintained onsite at all times*. The Fire Brigade shall not include the Shift Supervisor, the Station Control Room Engineer and the 2 other members of the minimum shift crew necessary for safe shutdown of the unit and any personnel required for other essential functions during a fire emergency.

*The health physics technician and Fire Brigade composition may be less than the minimum requirements for a period of time not to exceed two hours in order to accomodate unexpected absence provided immediate action is taken to fill the required positions.

Any deviation from the above guidelines shall be authorized by the Production or Services Superintendents for their individual departments, or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Controls shall be included in the procedures such that individual overtime shall be reviewed monthly by the Production or Services Superintendents to assure that excessive hours have not been assigned. Routine deviation from the above guidelines is not authorized.

D. Qualifications of the station management and operating staff shall meet minimum acceptable levels as described in ANSI N18.1, "Selection and Training of Nuclear Power Plant Personnel," dated March 8, 1971. The Rad/Chem Supervisor shall meet the requirements of radiation protection manager of Regulatory Guide 1.8, September, 1975. The ANSI N18.1-1971 qualification requirements for Rad/Chem Technician may also be met by either of the following alternatives:

1. Individuals who have completed the Rad/Chem Technician training program and have accrued 1 year of working experience in the specialty, or
2. Individuals who have completed the Rad/Chem Technician training program, but have not yet accrued 1 year of working experience in the specialty, who are supervised by on-shift health physics supervision who meet the requirements of ANSI N18.1-1971 Section 4.3.2, "Supervisor Not Requiring AEC Licenses," or Section 4.4.4, "Radiation Protection."

E. Retraining and replacement training of Station personnel shall be in accordance with ANSI N18.1, "Selection and Training of Nuclear Power Plant Personnel", dated March 8, 1971 and Appendix A of 10 CFR Part 55, and shall include familiarization with relevant industry operational experience identified by the ONSG.

F. Retraining shall be conducted at intervals not exceeding 2 years.

G. The Review and Investigative Function and the Audit Function of activities affecting quality during facility operations shall be constituted and have the responsibilities and authorities outlined below:

1. The Superintendent of the Offsite Review and Investigative Function shall be appointed by the Manager of Nuclear Safety. The Audit Function shall be the responsibility of the Manager of Quality Assurance and shall be independent of operations.

   a. Offsite Review and Investigative Function

      The Superintendent of the Offsite Review and Investigative Function shall: (1) provide directions for the review and investigative function and appoint a senior participant to provide appropriate direction, (2) select each participant for this function, (3) select a complement of more than one participant who collectively possess background and qualifications in the subject matter under review to provide comprehensive interdisciplinary review coverage under this function, (4) independently review and approve the findings and recommendations developed by personnel performing the review and investigative function,

Offsite Review and Investigative Function (Continued)

(5) approve and report in a timely manner all findings of non-compliance with NRC requirements to the Station Manager, Assistant Vice President and General Manager - Nuclear Stations, Manager of Quality Assurance, and the Vice President - Nuclear Operations. During periods when the Superintendent of Offsite Review and Investigative Function is unavailable, he shall designate this responsibility to an established alternate, who satisfies the formal training and experience for the Superintendent of the Offsite Review and Investigate Function. The responsibilities of the personnel performing this function are stated below. The Offsite Review and Investigative Function shall review:

1) The safety evaluations for (1) changes to procedures, equipment, or systems as described in the safety analysis report and (2) tests or experiments completed under the provision of 10 CFR 50.59 to verify that such actions did not constitute an unreviewed safety question. Proposed changes to the Quality Assurance Program description shall be reviewed and approved by the Manager of Quality Assurance.

2) Proposed changes to procedures, equipment or systems which involve an unreviewed safety question as defined in 10 CFR 50.59.

3) Proposed tests or experiments which involve an unreviewed safety question as defined in 10 CFR 50.59.

4) Proposed changes in Technical Specifications or NRC operating licenses.

5) Noncompliance with NRC requirements, or of internal procedures, or instructions having nuclear safety significance.

6) Significant operating abnormalities or deviation from normal and expected performance of plant equipment that affect nuclear safety as referred to it by the Onsite Review and Investigative Function.

7) Reportable occurrences requiring 24 hour notification to the NRC.

8) All recognized indications of an unanticipated deficiency in some aspect of design or operation of safety-related structures, systems, or components.

9) Review and report findings and recommendations regarding all changes to the Generating Stations Emergency Plan prior to implementation of such change.

10) Review and report findings and recommendations regarding all items referred by the Technical Staff Supervisor, Station Manager, Assistant Vice President and General Manager - Nuclear Stations, and Manager of Quality Assurance.

b. Audit Function

The Audit Function shall be the responsibility of the Manager of Quality Assurance independent of the Production Department. Such responsibility is delegated to the Director of Quality Assurance (operations) and the Director of Quality Assurance (maintenance).

Either of the above, or designated Corporate Staff or Supervisor approved by the Manager of Quality Assurance, shall approve the audit agenda and checklists, the findings and the report of each audit. Audits shall be performed in accordance with the Company Quality Assurance Program and Procedures. Audits shall be performed to assure that safety-related functions are covered within a period of 2 years or less as designated below.

1) Audit of the conformance of facility operation to provisions contained within the Technical Specifications and applicable license conditions at least once per year.

2) Audit of the adherence to procedures, training and qualification of the station staff at least once per year.

3) Audit of the results of actions taken to correct deficiencies occurring in facility equipment, structures, systems, or methods of operation that affect nuclear safety at least once per 6 months.

4) Audit of the peformance of activities required by the Quality Assurance Program to meet the Criteria of Appendix "B" 10 CFR 50.

5) Audit of the Facility Emergency Plan and implementing procedures at least once per 12 months.

6) Audit of the Facility Security Plan and implementing procedures.

7) Audit onsite and offsite reviews.

8) Audit the Facility Fire Protection Program and implementing procedures.

9) The radiological environmental monitoring program and the results thereof at least once per 12 months.

10) The OFFSITE DOSE CALCULATION MANUAL and implementing procedures.

11) The PROCESS CONTROL PROGRAM and implementing procedures for solidification of radioactive wastes.

Audit Function (Continued)

12) The performance of activities required by the Company Quality Assurance Program and Procedures to meet the criteria of Regulatory Guide 4.15, December 1977, at least once per 12 months.

Report all findings of noncompliance with NRC requirements and recommendations and results of each audit to the Station Manager, Manager of Nuclear Safety, the Assistant Vice President and General Manager - Nuclear Stations, Manager of Quality Assurance, the Vice Chairman, and the Vice President - Nuclear Operations.

c. Authority

The Manager of Quality Assurance reports to the Chairman of the Board and the Superintendent of the Offsite Review and Investigative Function reports to the Manager of Nuclear Safety. Either the Manager of Quality Assurance or the Superintendent of the Offsite Review and Investigation Function has the authority to order unit shutdown or request any other action which he deems necessary to avoid unsafe plant conditions.

d. Records

1) Reviews, audits, and recommendations shall be documented and distributed as covered in 6.1.G.1.a and 6.1.G.1.b

2) Copies of documentation, reports, and correspondence shall be kept on file at the station.

e. Procedures

Written administrative procedures shall be prepared and maintained for the offsite reviews and investigative functions described in Specification 6.1.G.1.a. and for the audit functions described in Specification 6.1.G.1.b. Those procedures shall cover the following:

1) Content and method of submission of presentations to the Superintendent of the Office Review and Investigative Function.

2) Use of committees and consultants.

3) Review and approval.

4) Detailed listing of items to be reviewed.

5) Method of (1) appointing personnel, (2) performing reviews, investigations, (3) reporting findings and recommendations of reviews and investigations, (4) approving reports, and (5) distributing reports.

6) Determining satisfactory completion of action required based on approved findings and recommendations reported by personnel performing the review and investigative function.

Offsite Review and Investigative Function (Continued)

f. Personnel

1) The persons, including consultants, performing the review and investigative function, in addition to the Superintendent of the Offsite Review and Investigative Function shall have expertise in one or more of the following disciplines as appropriate for the subject or subjects being reviewed and investigated:

a) nuclear power plant technology,
b) reactor operations,
c) utility operations,
d) power plant design,
e) reactor engineering,
f) radiological safety,
g) reactor safety analysis,
h) instrumentation and control,
i) metallurgy, and
j) any other appropriate disciplines required by unique characteristics of the facility.

2) Individuals performing the Review and Investigative Function shall possess a minimum formal training and experience as listed below for each discipline.

a) Nuclear Power Plant Technology

Engineering graduate or equivalent with 5 years experience in the nuclear power field design and/or operation.

b) Reactor Operations

Engineering graduate or equivalent with 5 years experience in nuclear power plant operations.

c) Utility Operations

Engineering graduate or equivalent with at least 5 years of experience in utility operation and/or engineering.

d) Power Plant Design

Engineering graduate or equivalent with at least 5 years of experience in power plant design and/or operation.

e) Reactor Engineering

Engineering graduate or equivalent. In addition, at least 5 years of experience in nuclear plant engineering, operation, and/or graduate work in nuclear engineering or equivalent in reactor physics is required.

Offsite Review and Investigative Function (Continued)

f) Radiological Safety

Engineering graduate or equivalent with at least 5 years of experience in radiation control and safety.

g) Reactor Safety Analysis

Engineering graduate or equivalent with at least 5 years of experience in nuclear engineering.

h) Instrumentation and Control

Engineering graduate or equivalent with at least 5 years of experience in instrumentation and control design and/or operation.

i) Metallurgy

Engineering graduate or equivalent with at least 5 years of experience in the metallurgical field.

3) The Superintendent of the Offsite Review and Investigative Function shall have experience and training which satisfy ANSI N18.1-1971 requirements for plant managers.

2. The Onsite Review and Investigative Function shall be supervised by the Station Manager.

a. Onsite Review and Investigative Function

The Station Manager shall: (1) provide direction for the Review and Investigative Function and appoint the Technical Staff Supervisor, or other comparably qualified individual as a senior participant to provide appropriate directions; (2) approve participants for this function; (3) assure that a component of more than one participant who collectively possess background and qualifications in the subject matter under review are selected to provide comprehensive interdisciplinary review coverage under this function; (4) independently review and approve the findings and recommendations developed by personnel performing the Review and Investigative Function; (5) report all findings of noncompliance with NRC requirements, and provide recommendations to the Assistant Vice President and General Manager-Nuclear Stations and the Superintendent of the Offsite Review and Investigative Function; and (6) submit to the Offsite Review and Investigative Function for concurrence in a timely manner, those items described in Specification 6.1.G.1.a which have been approved by the Onsite Review and Investigative Function.

The responsibilities of the personnel performing this function are stated below:

1) Review of (1) procedures required by Specification 6.2 and changes thereto, (2) all programs required by Specification 6.2 and changes thereto, and (3) any other proposed procedures or changes thereto as determined by the Station Manager to affect nuclear safety.

2) Review of all proposed test and experiments that affect nuclear safety.

Onsite Review and Investigative Function (Continued)

3) Review of all proposed changes to the Technical Specifications.

4) Review of all proposed changes or modifications to plant systems or equipment that affect nuclear safety.

5) Investigation of all noncompliance with NRC requirements and shall prepare and forward a report covering evaluation and recommendations to prevent recurrence to the Assistant Vice President and General Manager-Nuclear Stations and to the Superintendent of the Offsite Review and Investigative Function.

6) Review of facility operations to detect potential safety hazards.

7) Performance of special reviews and investigations and reports thereon as requested by the Superintendent of the Offsite Review and Investigative Function.

8) Review of the Station Security Plan and shall submit recommended changes to the Assistant Vice President and General Manager-Nuclear Stations.

9) Review of the Emergency Plan and station implementing procedures and shall submit recommended changes to the Assistant Vice President and General Manager-Nuclear Stations.

10) Review of reportable events and actions taken to prevent recurrence.

11) Review of every unplanned onsite release of radioactive material to the environs including the preparation and forwarding of reports covering evaluation, recommendations and disposition of the corrective action to prevent recurrence to the Assistant Vice President and General Manager-Nuclear Stations and to the Superintendent of the Offsite Review and Investigative Function.

12) Review of changes to the PROCESS CONTROL PROGRAM, OFFSITE DOSE CALCULATION MANUAL, and radwaste treatment systems.

b. Authority

The Technical Staff Supervisor is responsible to the Station Manager and shall make recommendations in a timely manner in all areas of review, investigation, and quality control phases of plant maintenance, operation, and administrative procedures relating to facility operations and shall have the authority to request the action necessary to ensure compliance with rules, regulations, and procedures when in his opinion such action is necessary. The Station Manager shall follow such recommendations or select a course of action that is more conservative regarding safe operation of the facility. All such disagreements shall be reported immediately to the Assistant Vice President and General Manager-Nuclear Stations and the Superintendent of the Offsite Review and Investigative Function.

Onsite Review and Investigative Function (Continued)

c. Records

1) Reports, reviews, investigations, and recommendations shall be documented with copies to the Assistant Vice President and General Manager-Nuclear Stations, the Superintendent of the Offsite Review and Investigative Function, the Station Manager and the Manager of Quality Assurance.

2) Copies of all records and documentation shall be kept on file at the station.

d. Procedures

Written administrative procedures shall be prepared and maintained for conduct of the Onsite Review and Investigative Function. These procedures shall include the following:

1) Content and method of submission and presentation to the Station Manager, Assistant Vice President and General Manager-Nuclear Stations, and the Superintendent of the Offsite Review and Investigative Function.

2) Use of committees.

3) Review and approval.

4) Detailed listing of items to be reviewed.

5) Procedures for administration of the quality control activities.

6) Assignment of responsibilities.

e. Personnel

1) The personnel performing the Onsite Review and Investigative Function, in addition to the Station Manager, shall consist of persons having expertise in:

a) nuclear power plant technology,
b) reactor operations,
c) reactor engineering,
d) radiological safety and chemist,
e) Instrumentation and control, and
f) mechanical and electric systems.

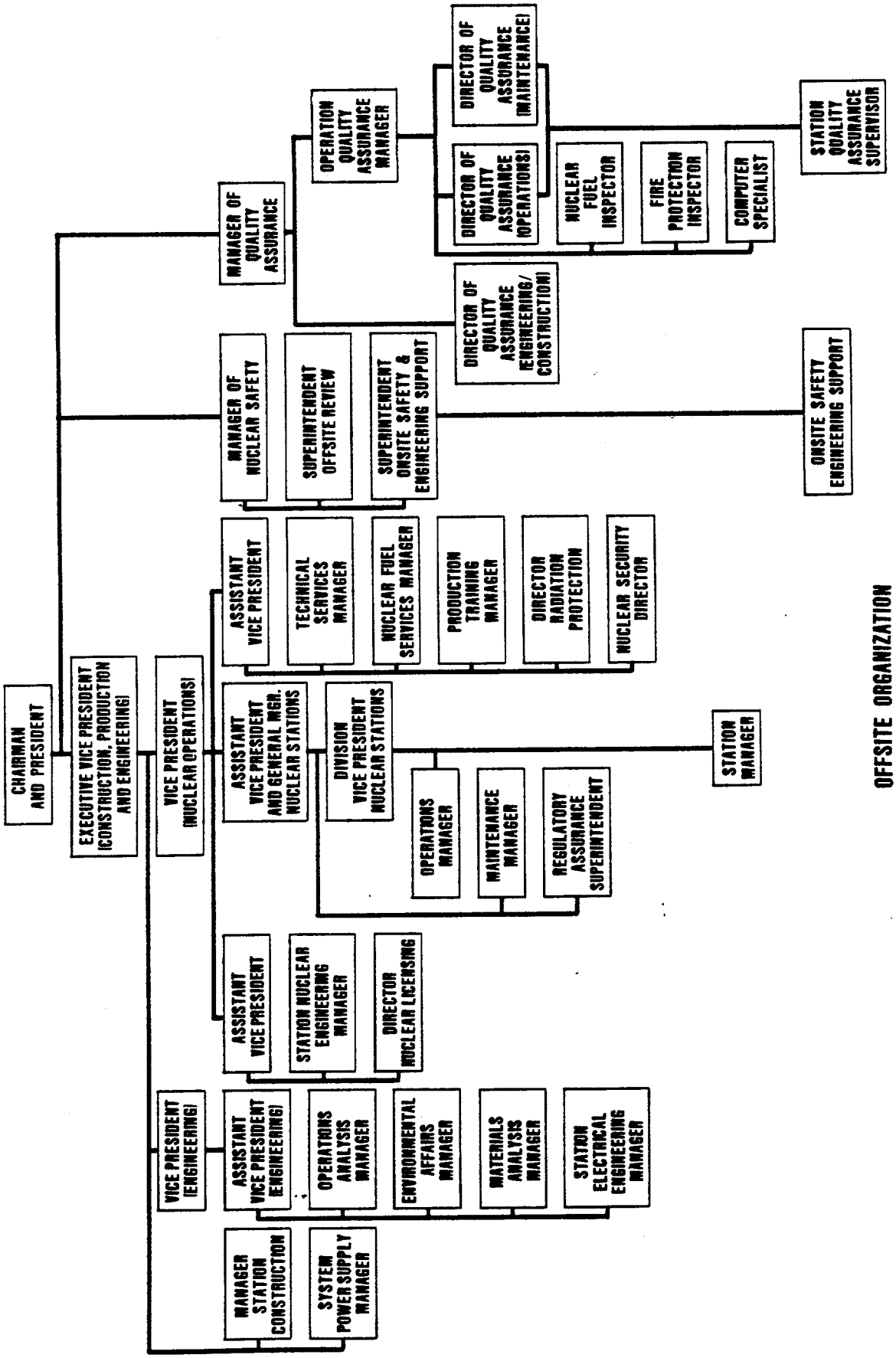
2) Personnel performing the Onsite Review and Investigative Function shall meet minimum acceptable levels as described in ANSI N18.1-1971, Sections 4.2 and 4.4.

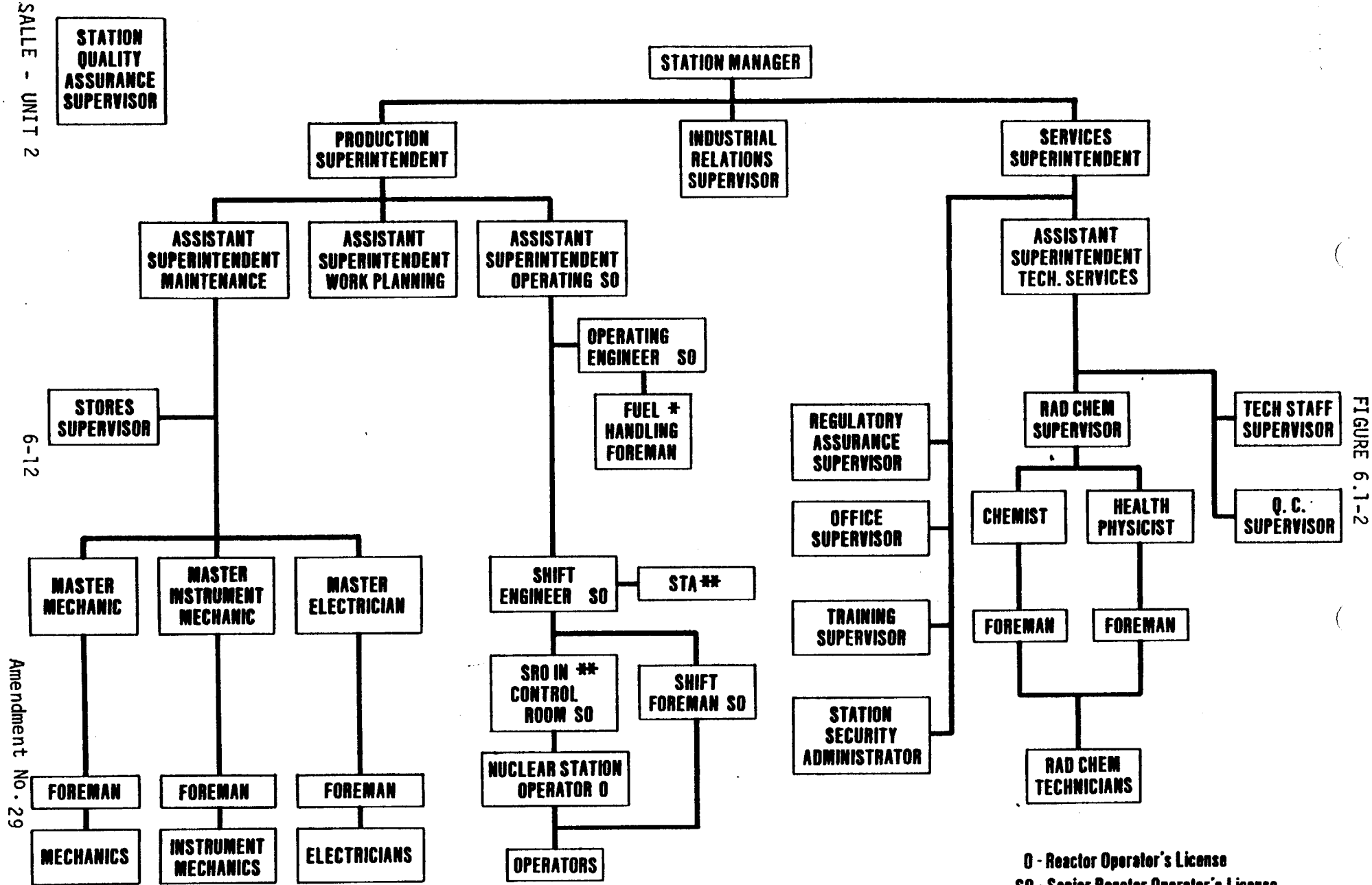
H. Fire Protection Program

An independent fire protection and loss prevention program inspection and audit shall be performed at least once per 12 months utilizing either qualified offsite licensee personnel or an outside fire protection firm.

An inspection and audit of the fire protection and loss prevention program shall be performed by a qualified outside fire consultant at least once per 36 months.

FIGURE 6.1-1


CHAIRMAN AND PRESIDENT
EXECUTIVE VICE PRESIDENT (CONSTRUCTION, PRODUCTION AND ENGINEERING)
VICE PRESIDENT (NUCLEAR OPERATIONS)
VICE PRESIDENT (ENGINEERING)
MANAGER OF NUCLEAR SAFETY
MANAGER OF QUALITY ASSURANCE
ASSISTANT VICE PRESIDENT
ASSISTANT VICE PRESIDENT AND GENERAL MGR. NUCLEAR STATIONS
ASSISTANT VICE PRESIDENT
ASSISTANT VICE PRESIDENT (ENGINEERING)
MANAGER STATION CONSTRUCTION
SYSTEM POWER SUPPLY MANAGER
SUPERINTENDENT OFFSITE REVIEW
SUPERINTENDENT ONSITE SAFETY & ENGINEERING SUPPORT
TECHNICAL SERVICES MANAGER
NUCLEAR FUEL SERVICES MANAGER
PRODUCTION TRAINING MANAGER
DIRECTOR RADIATION PROTECTION
NUCLEAR SECURITY DIRECTOR
DIVISION VICE PRESIDENT NUCLEAR STATIONS
OPERATIONS MANAGER
MAINTENANCE MANAGER
REGULATORY ASSURANCE SUPERINTENDENT
STATION MANAGER
STATION NUCLEAR ENGINEERING MANAGER
DIRECTOR NUCLEAR LICENSING
OPERATIONS ANALYSIS MANAGER
ENVIRONMENTAL AFFAIRS MANAGER
MATERIALS ANALYSIS MANAGER
STATION ELECTRICAL ENGINEERING MANAGER
OPERATION QUALITY ASSURANCE MANAGER
DIRECTOR OF QUALITY ASSURANCE (ENGINEERING/ CONSTRUCTION)
DIRECTOR OF QUALITY ASSURANCE (MAINTENANCE)
DIRECTOR OF QUALITY ASSURANCE (OPERATIONS)
NUCLEAR FUEL INSPECTOR
FIRE PROTECTION INSPECTOR
COMPUTER SPECIALIST
STATION QUALITY ASSURANCE SUPERVISOR
ONSITE SAFETY ENGINEERING SUPPORT
OFFSITE ORGANIZATION



STATION ORGANIZATION

O - Reactor Operator's License
SO - Senior Reactor Operator's License
* - Fuel Handling Foreman has SO or SO (Limited). Required only during fuel handling.
** - May be filled by a SCRE.

FIGURE 6.1-2

PLANT OPERATING PROCEDURES AND PROGRAMS (Continued)

B. Radiation control procedures shall be maintained, made available to all station personnel, and adhered to. These procedures shall show permissible radiation exposure and shall be consistent with the requirements of 10 CFR 20. This radiation protection program shall be organized to meet the requirements of 10 CFR 20.

C. 1. Procedures for items identified in Specification 6.2.A and any changes to such procedures shall be reviewed and approved by the Operating Engineer and the Technical Staff Supervisor in the areas of operation, fuel handling, or instrument maintenance, and by the Assistant Superintendent Maintenance and Technical Staff Supervisor in the areas of plant maintenance and plant inspection. Procedures for items identified in Specification 6.2.B and any changes to such procedures shall be reviewed and approved by the Technical Staff Supervisor and the Radiation Chemistry Supervisor. At least one person approving each of the above procedures shall hold a valid senior operator's license. In addition, these procedures and changes thereto, must have authorization by the Station Manager before being implemented.

2. Work and instruction type procedures which implement approved maintenance or modification procedures shall be approved and authorized by the Assistant Superintendent Maintenance where the written authority has been provided by the Station Manager. The "Maintenance/ Modification Procedure" utilized for safety-related work shall be so approved only if procedures referenced in the "Maintenance/ Modification Procedure" have been approved as required by 6.2.A. Procedures which do not fall within the requirements of 6.2.A or 6.2.B may be approved by the Department Heads.

D. Temporary changes to procedures 6.2.A and 6.2.B above may be made provided:

1. The intent of the original procedure is not altered.
2. The change is approved by two members of the plant management staff, at least one of whom holds a Senior Reactor Operator's Licese on the unit affected.
3. The change is documented, reviewed by the Onsite Review and Investigative Function and approved by the Station Manager within 14 days of implementation.

E. Drills of the emergency procedures described in Specification 6.2.A.4 shall be conducted at frequencies as specified in the Generating Stations Emergency Plan (GSEP). These drills will be planned so that during the course of the year, communication links are tested and outside agencies are contacted.

6.4 ACTION TO BE TAKEN IN THE EVENT A SAFETY LIMIT IS EXCEEDED

If a safety limit is exceeded, the reactor shall be shut down immediately pursuant to Specification 2.1.1, 2.1.2 and 2.1.3, and critical reactor operation shall not be resumed until authorized by the NRC. The conditions of shutdown shall be promptly reported to the Assistant Vice President and General Manager-Nuclear Stations or his designated alternate. The incident shall be reviewed pursuant to Specifications 6.1.G.1.a and 6.I.G.2.a and a separate Licensee Event Report for each occurrence shall be prepared in accordance with Section 50.73 to 10 CFR Part 50. The NRC Operations Center shall be notified by telephone as soon as possible and in all cases within one hour. The Assistant Vice President and General Manager-Nuclear Stations and the Manager of Nuclear Safety shall be notified within 24 hours.

6.5 PLANT OPERATING RECORDS

A. Records and/or logs relative to the following items shall be kept in a manner convenient for review and shall be retained for at least 5 years:

1. Records of normal plant operation, including power levels and periods of operation at each power level;

2. Records of principal maintenance and activities, including inspection and repair, regarding principal items of equipment pertaining to nuclear safety;

3. Records and reports of reportable events;

4. Records and periodic checks, inspection and/or calibrations performed to verify that the surveillance requirements (see Section 4 of these specifications) are being met. All equipment failing to meet surveillance requirements and the corrective action taken shall be recorded;

5. Records of changes to operating procedures;

6. Shift engineers' logs; and

7. Byproduct material inventory records and source leak test results.

PLANT OPERATING RECORDS (Continued)

B. Records and/or logs relative to the following items shall be recorded in a manner convenient for review and shall be retained for the life of the plant:

1. Substitution or replacement of principal items of equipment pertaining to nuclear safety;
2. Changes made to the plant as it is described in the SAR;
3. Records of new and spent fuel inventory and assembly histories;
4. Updated, corrected, and as-built drawings of the plant;
5. Records of plant radiation and contamination surveys;
6. Records of offsite environmental monitoring surveys;
7. Records of radiation exposure for all plant personnel, including all contractors and visitors to the plant, in accordance with 10 CFR Part 20;
8. Records of radioactivity in liquid and gaseous wastes released to the environment;
9. Records of transient or operational cycling for those components that have been designed to operate safety for a limited number of transient or operational cycles (identified in Table 5.7.1-1);
10. Records of individual staff members indicating qualifications, experience, training, and retraining;
11. Inservice inspections of the reactor coolant system;
12. Minutes of meetings and results of reviews and audits performed by the offsite and onsite review and audit functions;
13. Records of reactor tests and experiments;
14. Records of Quality Assurance activities required by the QA Manual, except for those items specified in Section 6.5.A;
15. Records of reviews performed for changes made to procedures on equipment or reviews of tests and experiments pursuant to 10 CFR 50.59;
16. Records of the service lives of all hydraulic and mechanical snubbers required by Specification 3.7.9 including the date at which the service life commences and associated installation and maintenance records; and
17. Records of analyses required by the radiological environmental monitoring program.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NO. 47 TO FACILITY OPERATING LICENSE NO. NPF-11 AND

AMENDMENT NO. 29 TO FACILITY OPERATING LICENSE NO. NPF-18

COMMONWEALTH EDISON COMPANY

LA SALLE COUNTY STATION, UNITS 1 AND 2

DOCKET NOS. 50-373 AND 50-374

1.0 INTRODUCTION

By letter dated December 20, 1985, Commonwealth Edison (the licensee), requested certain changes be made to the Administrative Controls section of the Technical Specifications for La Salle County Station, Units 1 and 2. The licensee provided additional clarifying information in letters dated April 29, August 13, and September 3, 1986. Most of the requested changes involved changes to the off-site and station organizations; the remainder are editorial changes or position title changes. The staff's evaluation of the requested changes is given below.

2.0 EVALUATION

2.1 Offsite Organization

The licensee has proposed to change Figure 6.1-1 to show only those functions that provide technical and management support for La Salle (and the five other nuclear power plants operated by the licensee). Therefore, the following groups have been deleted from Figure 6.1-1:

- Executive Vice President (Purchasing, Divisions)
- Manager of Projects
- Vice Chairman, Vice President (Fuel and Budgets)
- Division Vice President and General Manager (Fossil Stations)
- Site Project Engineer, Field Engineers
- Site Quality Assurance Superintendent

The licensee has also proposed to modify the reporting relationships under the Vice President (Nuclear Operations) to improve management control and enhance regulatory performance. These changes were developed to support six operating nuclear stations.

There will be three Assistant Vice Presidents reporting to the Vice President (Nuclear Operations).

a. One Assistant Vice President retains responsibility for managing the activities of the Station Nuclear Engineering and Nuclear Licensing Departments.

b. The position of Division Vice President and General Manager-Nuclear Stations has been changed to Assistant Vice President and General Manager-Nuclear Stations. This position retains responsibility for the safe and reliable operation and maintenance of the nuclear stations. Reporting to this position are:

    1. Two Division Vice Presidents Nuclear Stations; one for Dresden, Quad Cities and Zion, and one for La Salle County, Byron, and Braidwood (when completed). These individuals provide direction to the respective Station Managers regarding day-to-day activities and are assisted by an Operations Manager. The Station Manager reports to the respective Division Vice President-Nuclear Stations.

    2. Maintenance Manager, who provides functional direction to the nuclear stations regarding maintenance activities.

    3. Regulatory Assurance Superintendent, a new position responsible for monitoring, investigating and communicating to corporate management on station compliance with regulatory requirements.

c. A new Assistant Vice President has been created with the responsibility for managing certain support services provided to the nuclear stations. He administers and controls these services through the managers and directors who report to him:

    1. The Technical Services Manager has responsibility for providing technical support in the areas of operational chemistry, radioecology, emergency planning, quality control, and fire protection. This position formerly reported to the Division Vice President and General Manager-Nuclear Stations.

2. The Radiation Protection Director. This position formerly reported to the Technical Services Manager.

3. Nuclear Fuel Services Manager. This position formerly reported to the Assistant Vice President for engineering and licensing.

4. Nuclear Security Director. This position formerly reported to the Division Vice President and General Manager Nuclear Stations.

5. Production Training Manager. This position formerly reported to the Executive Vice President.

A station Electrical Engineering Manager has been added under the Assistant Vice President (Engineering). The Manager of Quality Assurance is now assisted by the Operation Quality Assurance Manager to whom the new positions of Fire Protection Inspector and Computer Specialist report.

Other changes to Figure 6.1-1 are position title changes, deletion of the position of Director Training Program Development, whose functions will be the responsibility of the Production Training Manager, and deletion of positions related to quality assurance during construction.

The staff concludes that the proposed off-site organizational arrangements do not reduce the technical support being provided for La Salle, provide adequate management span of control, are consistent with the guidance provided in NUREG-0731, "Guidelines for Utility Management Structure and Technical Resources" and the acceptance criteria of NUREG-0800, "Standard Review Plan", Section 13.1.1, and are, therefore, acceptable.

The licensee has also proposed to revise the delegation of responsibility for the Audit Function of Specification 6.1.G.1.b to be consistent with the revised organization under the Manager of Quality Assurance. This is a position title change and is, therefore, acceptable.

An additional proposed change to Specification 6.1.G.1.b would permit certain audit approvals to be made by "designated Corporate Staff or Supervisor approved by the Manager of Quality Assurance" as well as by either of the Directors of Quality Assurance. We find this change to be acceptable. Our acceptance is based on the direct involvement of the QA organization and the licensee's earlier commitment to audit controls described in Regulatory Guide 1.33 Revision 2 "Quality Assurance Program Requirements" which endorses ANS 3.2-1976. The proposed delegation allows technical expertise to be involved in and responsible for those Technical Audits that are geared more to the technical aspects of operations than to QA programmatic controls, but with QA over-view.

2.2 STATION ORGANIZATION

As proposed, the station organization will provide the same functional support for plant operation as has been provided in the past. The principal organizational changes are as follows, and are reflected in the proposed Figure 6.1-2.

Production Superintendent is a new position. This individual manages the day-to-day operating and maintenance activities of the station, both during unit operation and during outages. The Production Superintendent is also responsible for controlling the work of non-station personnel. Reporting to the Production Superintendent are the Assistant Superintendent Operating, Assistant Superintendent Maintenance, and Assistant Superintendent Work Planning. The responsibilities of the Assistant Superintendent Operating and the Assistant Superintendent Maintenance are not changed. Figure 6.1-2 has been clarified to show that the Shift Foreman receives direction from the Shift Engineer and is responsible for supervising the activities of operators outside the control room. Assistant Superintendent Work Planning is a new position that coordinates the work at the station and helps place increased emphasis on work that potentially could affect day-to-day operations.

The Services Superintendent is a new position that is responsible for supporting the production activities of the station, managing intra-station services, and coordinating technical services provided to the station.

The Assistant Superintendent Technical Services has responsibility for managing the day-to-day activities of the Technical Staff, Radiation Chemistry, and Quality Control departments. Although the Rad Chem Supervisor reports to the Assistant Superintendent Technical Services, this Supervisor has direct access to the Service Superintendent and Station Manager in order to resolve questions related to the conduct of the Radiation Protection Program. Figure 6.1-2 has been clarified to indicate Chemists and Health Physicists in the Rad Chem Organization.

Also reporting to the Services Superintendent are four other support groups. The Training Supervisor had reported to the Personnel Administrator. The Regulatory Assurance Supervisor, a new position, is responsible for monitoring, investigating, and reporting to senior station management on compliance with regulatory requirements.

The Production and Services Superintendents will meet the minimum acceptable level of qualifications for a plant manager as described in Section 4.2.1 of ANSI N18.1-1971.

Other changes to Figure 6.1-2 are position title changes and deletion of some non-supervisory positions.

The staff concludes that the proposed station organizational arrangements are consistent with the guidance provided in NUREG-0731, "Guidelines for Utility Management Structure and Technical Resources" and the acceptance criteria of Standard Review Plan, Section 13.1.2-13.1.3, and are, therefore, acceptable. The staff also concludes, based upon the qualifications and positions in the station organization of the Production and Services Superintendents, that these two Superintendents may authorize, as applicable, deviations to the working hour requirements of Specification 6.1.C.7 as described on page 6-3 of the Technical Specifications.

2.3 EDITORIAL AND POSITION TITLE CHANGES

The following proposed changes are editorial in nature and are, therefore, acceptable.

1. For La Salle Unit 1 only, delete the double-asterisked footnote on page 6-1 and delete page 6-1a because its effectiveness expired September 30, 1983.

2. For both Units 1 and 2, on page 6-9, change "Nuclear" to "Review" in the last line of 6.1.G.2.a.5 and in the sixth line of 6.1.G.2.a.11, for consistency with the rest of the Technical Specifications.

3. For both Units 1 and 2, on page 6-10, change "less" to "loss" in the fourth line of 6.1.H to correct a typographical error.

4. For both Units 1 and 2, in item 6.5.B.14 on page 6-20, add the phrase "except for those items specified in Section 6.5.A;" for consistency with 6.5.A.

Position title changes occur in many locations in Section 6 of the Technical Specifications. Such changes do not affect safety and are, therefore, acceptable. They are included in the marked-up Technical Specification pages that accompany this Safety Evaluation.

3.0 ENVIRONMENTAL CONSIDERATION

These amendments involve changes in administrative procedures or requirements. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

4.0 CONCLUSION

The Commission made a proposed determination that the amendments involve no significant hazards consideration which was initially published in the Federal Register (51 FR 3711) on January 29, 1986, and a renotice which was published in the Federal Register (51 FR 37507) on October 22, 1986. No public comments were received on either notice, and the state of Illinois did not have any comments.

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

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