

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 572

FILE: \_\_\_\_\_

FROM: Wisconsin Public Serv. Corp. Green Bay, Wisc. 54305 E. W. James		DATE OF DOC 1/15/75	DATE REC'D 1/18/75	LTR XX	TWX	RPT	OTHER
TO: Edson Case		ORIG 3 signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:		
	XX		XX	3 signed	50-305		

DESCRIPTION: Ltr submitting Amendment No. 7 to Tech. Specs. of OL, notarized 1/14/75 transmitting:

ENCLOSURES:  
AMDT #7 to appl. containing changes to Administrative Controls section of App. A of Tech. Specs. as requested in AEC's ltr of 10/18/74.

(3 signed, 37 copies)

**DO NOT REMOVE** 2/3/75 **ACKNOWLEDGED** D. M. ILLIAC (AMH)

PLANT NAME: Kewaunee

FOR ACTION/INFORMATION LDM 1/21/75

BUTLER (L) W/ Copies	SCHWENGER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	W/ Copies
KNIEL (L) W/ Copies	✓ PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

<b>REG FILE</b> AEC PDR OGC, ROOM P-506A MUNTZING STAFF CASE GIAMBUSO BOYD MOORE (L) (SWR) DEYOUNG (L) (PWY) SKOVHOLT (L) GOLLER (L) P. COLLINS DENISE REG OPR FILE & REGION (S) MORRIS STEELE	<b>TECH REVIEW</b> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLINER	<b>ENVIRO</b> DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR ✓ Destmann HARLESS	<b>LIC ASST</b> DIGGS (L) GEARIN (L) GOULBOURNE (L) KREUTZER (E) LEE (L) MAIGRET (L) REED (E) SERVICE (L) SHEPPARD (L) SLATER (E) SMITH (L) TEETS (L) WILLIAMS (E) WILSON (L)	<b>A/T IND</b> BRAITMAN SALTZMAN B. HURT  <b>PLANS</b> MCDONALD CHAPMAN ✓ DUBE ✓ E. COUPE <i>ltr only</i>  D. THOMPSON (2) KLECKER EISENHUT
--	--	---	---	--

**EXTERNAL DISTRIBUTION**

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>✓ 1 - LOCAL PDR <u>Kewaunee, IL</u></li> <li>✓ 1 - TIC (ASERNATHY) (1)(2)(10)</li> <li>✓ 1 - NSIC (BUCHANAN)</li> <li>1 - ASLS</li> <li>1 - Net. on App. on</li> <li>1 - ACBS <b>SENT TO LIC. ASST. 1-21-75</b></li> </ul> | <ul style="list-style-type: none"> <li>1 - NATIONAL LABS</li> <li>1 - ASLBPE W Bldg. Rm 529)</li> <li>1 - W. PENNINGTON, Rm E-201 GT</li> <li>1 - B&amp;M SULLY BROAD, Rm E-201 GT</li> <li>1 - CONSULTANTS</li> <li>1 - NEWMARK, BLUME, AGABIAN</li> </ul> | <ul style="list-style-type: none"> <li>1 - PDR SAN/LEAHY</li> <li>1 - BROOKHAVEN NAT LAB</li> <li>1 - G. ULRIKSON, C&amp;E</li> <li>1 - AGMED (RUTH) CLESMAN, Rm B-100 GT</li> <li>1 - R. D. MUELLER, Rm E-201 GT</li> </ul> |
|---|---|--|

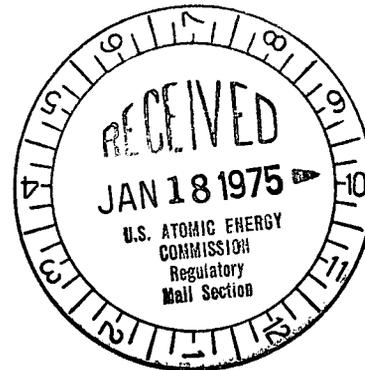
WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

January 15, 1975

Mr. Edson Case, Acting Director  
Directorate of Licensing  
Office of Regulation  
U. S. Atomic Energy Commission  
Washington, D. C. 20545



Dear Mr. Case:

Subject: Amendment No. 7 to Operating License DPR-43  
Kewaunee Nuclear Power Plant  
Docket 50-305

We submit herewith thirty-seven (37) copies of Amendment No. 7 to the Technical Specifications - Operating License DPR-43.

This submittal consists of changes to the "Administrative Control" section of Appendix A of the Technical Specifications as requested in AEC's letter, Mr. R. A. Purple to Mr. E. W. James dated October 18, 1974.

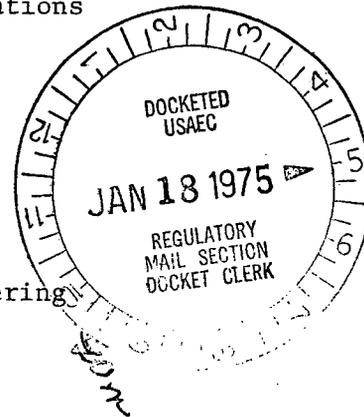
We have departed from the standard section on "Administrative Controls" in one area. We retained our nomenclature for various committees rather than use the nomenclature used in the standards.

The AEC letter made reference to Regulatory Guide 1.16 and requested changes to appropriate sections of the Technical Specifications, i.e. Abnormal Occurrence definitions. Since the guide had been issued for comment and is in process of being revised by the Commission, we will revise our appropriate sections of the Technical Specifications when the guide has been finalized and reviewed by us.

Very truly yours,

*E. W. James*

E. W. James  
Senior Vice President  
Power Generation & Engineering



EWJ:sna  
Enc.

Subscribed and Sworn to  
Before Me This 14TH Day  
of JANUARY 1975  
Thomas O. Lewis  
Notary Public, State of Wisconsin

My Commission Expires  
FEBRUARY 16, 1975

AMENDMENT NO. 7

INSTRUCTIONS FOR MAKING PAGE CHANGES

Amendment No. 7 material is enclosed for insertion into the Technical Specifications. File this Instruction Sheet and cover letter in the front of Volume - Technical Specifications as a record change.

Column 1  
(Insert)

TS 6-1 thru TS 6-24  
(Amendment No. 7)

Column 2  
(Remove)

TS 6.1-1 thru TS 6.6-10  
Tables TS 6.4-1 and notes  
Figures TS 6.1-1 and TS 6.1-2

6.0 ADMINISTRATIVE CONTROLS

6.1 ORGANIZATION, REVIEW AND AUDIT

a. Organization

1. The plant superintendent has on-site responsibility for the safe operation of the facility and shall report to the Superintendent - Nuclear Power. In the absence of the plant superintendent, the assistant superintendent will assume his responsibility.
2. The portion of the corporation management which relates to the operation of the plant is shown in Figure 6.1-1.
3. The functional organization for the operation of the plant shall be as shown in Figure 6.1-2.
4. Qualifications of the Kewaunee Plant management and operating staff shall meet the minimum acceptable levels as described in ANSI - N18.1, Selection and Training of Nuclear Power Plant Personnel, dated March 8, 1971.
5. Retraining and replacement training of plant personnel shall be in accordance with ANSI - N18.1, Selection and Training of Nuclear Power Plant Personnel, dated March 8, 1971.
6. Retraining shall be conducted at intervals not exceeding two years.

b. Statements for Control Room and Site Staffing

1. One licensed senior reactor operator and one licensed reactor operator shall be at the plant, one of whom shall be in the control room at all times when there is fuel in the reactor pressure vessel.
2. Two licensed reactor operators shall be in the control room during routine reactor startups, shutdown, and other periods involving planned control rod manipulations.

*Superseded  
Adm # 7 to FSAR  
Voted; 2/3/75*

3. The shift complement shall consist of at least one Shift Supervisor holding a senior Reactor operator's license, two licensed reactor operators, one auxiliary operator, and one equipment operator.
4. In the event that one of the shift members becomes incapacitated due to illness or injury, the reactor may continue to be operated for up to two hours with the reduced complement until his replacement arrives.

20

c. Review and Audit

Organizational units for the review and audit of plant operations shall be constituted and have the responsibilities and authorities outlined below:

1. Plant Operations Review Committee

A. Membership will include but not be limited to:

- (1) Chairman: Plant Superintendent
- (2) Vice Chairman: Assistant Plant Superintendent
- (3) Plant Performance Engineer
- (4) Maintenance Supervisor
- (5) Reactor Supervisor
- (6) Operations Supervisor
- (7) Instrument and Control Engineer
- (8) Technical Supervisor

21

B. Qualifications

The qualifications of the regular members of the Plant Operations Review Committee with regard to the combined experience and technical specialties of the individual members shall be maintained at an experience level at least equal to or higher than that described in Section 6.1.a.4 of the Technical Specifications.

C. Meeting frequency: Monthly and as required, on call of the Chairman.

D. Quorum: Chairman or Vice Chairman plus four members or their designated alternates.

E. Designated alternates shall be from other plant personnel in the appropriate disciplines or from the Steam Plant Technical Support Group; however, there shall be not more than two (2) alternate members serving on the committee at any one time.

F. Responsibilities

- (1) Review proposed normal, abnormal and emergency operating procedures. Review of all proposed maintenance procedures and proposed changes to those procedures; and any other proposed procedures or changes thereto as determined by the Plant Superintendent to affect nuclear safety.
- (2) Review proposed tests and experiments and their results.
- (3) Review proposed changes to Technical Specifications.
- (4) Review proposed changes or modifications to plant systems or equipment, which changes would require a change in procedures in (1) above.
- (5) Review plant operations to detect any potential safety hazards.
- (6) Review all abnormal occurrences and investigate reported instances of violations of Technical Specifications, such investigations to include reporting, evaluation and recommendations to prevent recurrence, to the Superintendent - Nuclear Power and to the Chairman of the Nuclear Safety Review and Audit Committee.
- (7) Perform special reviews and investigations and render reports thereon as requested by the Chairman of the Nuclear Safety Review and Audit Committee.
- (8) Review adequacy of employee training programs and recommend changes believed to be desirable.
- (9) Review adequacy of quality assurance program and recommend any appropriate changes.
- (10) Review prepared changes to equipment or systems having safety significance.

- (11) Cause to be conducted annual drills of emergency procedures including evacuation of the site and check adequacy of communications with off-site support groups.
- (12) Review implementing procedures of the Emergency Plan and the Security Plan and submit recommended changes to the Superintendent - Nuclear Power.

G. Authority

- (1) The Plant Operations Review Committee shall be advisory to the Plant Superintendent.
- (2) The Plant Operations Review Committee shall recommend to the Plant Superintendent approval or disapproval of all matters brought before it.
  - (a) In the event of disagreement between the recommendations of the Plant Operations Review Committee and the actions contemplated by the Plant Superintendent, the course determined by the Plant Superintendent to be the more conservative will be followed with immediate notification to the Superintendent - Nuclear Power and to the Chairman of the Nuclear Safety Review and Audit Committee.
- (3) The Plant Operations Review Committee shall make tentative determinations as to whether or not proposals considered by the Committee involve unreviewed safety questions. This determination shall be subject to review and approval by the Nuclear Safety Review and Audit Committee.

H. Records

Minutes shall be kept at the plant of all meetings of the Plant Operations Review Committee and copies shall be sent to the Superintendent - Nuclear Power and to the Chairman of the Nuclear Safety Review and Audit Committee.

I. Procedures

Written administrative procedures for committee function shall be prepared and maintained describing the method of submission, and the content of presentations to the committee; provisions for the use of subcommittees; review and approval by members of written committee evaluations and recommendations; the distribution of minutes, agenda and scheduling of meetings. The procedures shall include provisions for "follow up" actions to be taken by the committee.

2. Nuclear Safety Review and Audit Committee

A. The Committee shall consist of at least seven (7) persons.

The qualifications of members shall meet the requirements of proposed standard ANSI N18-7-1972 - Administrative Controls For Nuclear Power Plants

20

(1) Chairman

(2) Vice Chairman

(3) Secretary

(4) Two technically qualified persons who are not members of the plant staff.

(5) One member from the supervisory staff of the plant.

(6) At least one qualified non-company affiliated technical consultant and others as required. Duly appointed consultant members shall have equal vote with permanent members of the Committee.

(7) The Committee membership and its Chairman and Vice Chairman shall be appointed by the Senior Vice-President - Power Generation and Engineering or such person as he shall designate.

- B. Meeting frequency: Quarterly, and as required on call of the Chairman.
- C. Quorum: Chairman or Vice Chairman plus three members.
- D. Responsibilities
- (1) Review proposed tests and experiments, and their results, when such tests or experiments may constitute an unreviewed safety question as defined in Section 50.59, Part 50, Title 10, Code of Federal Regulations.
  - (2) Review proposed changes to equipment, systems, or procedures, which are described in the Final Safety Analysis Report or which may involve an unreviewed safety question, as defined in Section 50.59, Part 50, Title 10, Code of Federal Regulations, or which are referred by the operating organization.
  - (3) Review proposed changes to Technical Specifications or licenses.
  - (4) Review violations and suspected violations of applicable statutes, codes, regulations, orders, Technical Specifications, license requirements, or of internal procedures or instructions having safety significance.
  - (5) Review significant operating abnormalities or deviations from normal and expected performance of plant equipment.
  - (6) Review abnormal occurrences, as defined in the Technical Specifications.
  - (7) Review information received indicating that there may be an unanticipated deficiency in some aspect of design or operation of safety-related systems or components.

- (8) Conduct semi-annual audits of plant operation to verify that operation complies with the terms, conditions and intent of any license, permit, or other applicable regulations.
- (9) Review the minutes of Plant Operations Review Committee meetings to determine if matters considered by that committee involve unreviewed or unresolved safety questions.
- (10) Review Security and Emergency Plans and their implementing procedures.

E. Authority

- (1) Approve proposed changes to the operating license including Technical Specifications and revised bases for submission to the AEC.
- (2) Approve proposed changes or modifications to plant systems or equipment, provided such changes or modifications do not involve unreviewed safety questions.
- (3) Recommend to the Superintendent - Steam Plants, appropriate action to prevent recurrence of any violations of Technical Specifications.
- (4) Evaluate actions taken by the Plant Operations Review Committee.

F. Records

Minutes shall be recorded of all meetings of this Committee. Copies of the minutes shall be forwarded to the Superintendent - Nuclear Power, Superintendent - Steam Plants, Vice President - Power Generation and Engineering, and the President of the Company as well as the Plant Superintendent and any others that the Chairman may designate.

G. Charter

A written charter delineating the establishment, composition, and mission of the Nuclear Safety Review and Audit Committee and the dissemination of Nuclear Safety Review and Audit Committee minutes and reports shall be maintained which may be amended as required.

Reference:

- (1) FSAR Section 12

TABLE TS 6.4-1

PROTECTION FACTORS FOR RESPIRATORS

DESCRIPTION	MODES <sup>1/</sup>	PROTECTION FACTORS 2/	GUIDES TO SELECTION OF EQUIPMENT
		PARTICULATES AND VAPORS AND GASES EXCEPT TRITIUM OXIDE <sup>3/</sup>	BUREAU OF MINES APPROVAL SCHEDULES* FOR EQUIPMENT CAPABLE OF PROVIDING AT LEAST EQUIVALENT PROTECTION FACTORS *or schedule superseding for equipment of type listed
I. <u>AIR-PURIFYING RESPIRATORS</u> Facepiece, half-mask <u>4/ 7/</u> Facepiece, full <u>7/</u>	NP NP	5 100	21B 30 CFR 14.4(b)(4) 21B 30 CFR 14.4(b)(5); 14F 30 CFR 13
II. <u>ATMOSPHERE-SUPPLYING RESPIRATOR</u> 1. <u>Airline Respirator</u> Facepiece, half-mask Facepiece, full Facepiece, full <u>7/</u> Facepiece, full Hood Suit	CF CF D PD CF CF	100 1,000 500 1,000 <u>5/</u> <u>5/</u>	19B 30 CFR 12.2(c)(2) Type C(i) 19B 30 CFR 12.2(c)(2) Type C(i) 19B 30 CFR 12.2(c)(2) Type C (ii) 19B 30 CFR 12.2(c)(2) Type C(iii) <u>6/</u> <u>6/</u>
2. <u>Self-contained breathing apparatus (SCBA)</u> Facepiece, full <u>7/</u> Facepiece, full Facepiece, full	D PD R	500 1,000 1,000	13E 30 CFR 11.4(b)(2)(i) 13E 30 CFR 11.4(b)(2)(ii) 13E 30 CFR 11.4(b)(1)
III. <u>COMBINATION RESPIRATOR</u> Any combination of air-purifying and atmosphere-supplying respirator		Protection factor for type and mode of operation as listed above	19B CFR 12.2(e) or applicable schedule as listed above

1/, 2/, 3/, 4/, 5/, 6/, 7/, (These notes are on the following pages)

NOTES - TABLE TS 6.4-1

1/ See the following symbols:

CF: continuous flow  
D : demand  
NP: negative pressure (i.e., negative phase during inhalation)  
PD: pressure demand (i.e., always positive pressure)  
R : recirculating (closed-circuit)

2/ (a) For purposes of this specification the protection factor is a measure of the degree of protection afforded by a respirator, defined as the ratio of the concentration of airborne radioactive material outside the respiratory protective equipment to that inside the equipment (usually inside the face-piece) under conditions of use. It is applied to the ambient airborne concentration to estimate the concentration inhaled by the wearer according to the following formula:

$$\text{Concentration Inhaled} = \frac{\text{Ambient Airborne Concentration}}{\text{Protection Factor}}$$

(b) The protection factors apply:

- (i) only for trained individuals wearing properly fitted respirators used and maintained under supervision in a well-planned respiratory protective program.
- (ii) for air-purifying respirators only when high efficiency (above 99.9% removal efficiency by U. S. Bureau of Mines type dioctyl phthalate (DOP) test) particulate filters and/or sorbents appropriate to the hazard are used in atmospheres not deficient in oxygen.
- (iii) for atmosphere-supplying respirators only when supplied with adequate respirable air.

3/ Excluding radioactive contaminants that present an absorption or submersion hazard. For tritium oxide approximately half of the intake occurs by absorption through the skin so that an overall protection factor of not more than approximately 2 is appropriate when atmosphere-supplying respirators are used to protect against tritium oxide. Air-purifying respirators are not recommended for use against tritium oxide. See also footnote 5/, below, concerning supplied-air suits and hoods.

4/ Under chin type only. Not recommended for use where it might be possible for the ambient airborne concentration to reach instantaneous values greater than 50 times the pertinent values in Appendix B, Table I, Column 1 of 10 CFR, Part 20.

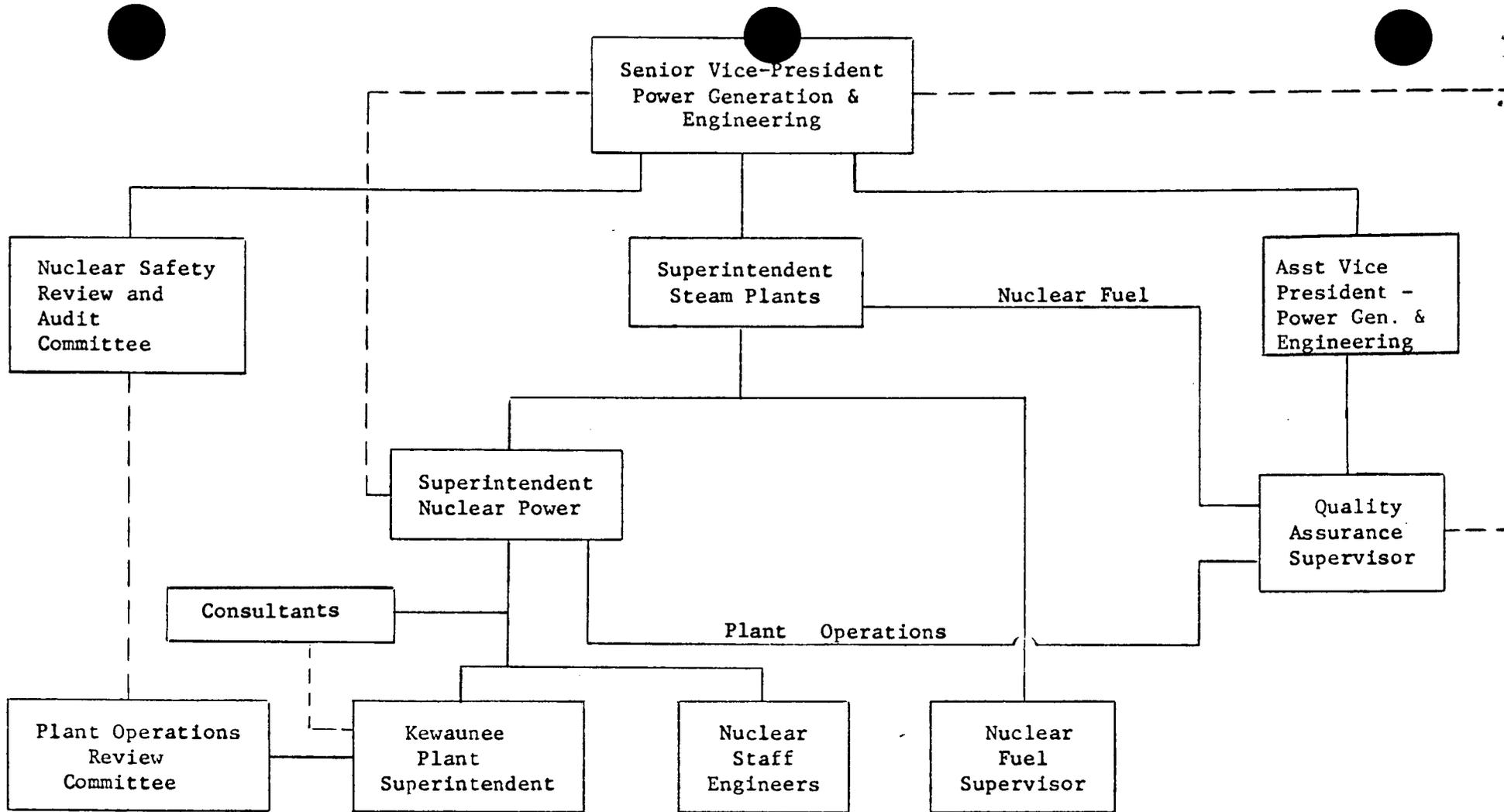
5/ Appropriate protection factors must be determined taking account of the design of the suit or hood and its permeability to the containment under conditions of use. No protection factor greater than 1,000 shall be used except as authorized by the Commission.

6/ No approval schedules currently available for this equipment. Equipment must be evaluated by testing or on basis of available test information.

7/ Only for shaven faces.

NOTE 1: Protection factors for respirators, as may be approved by the U. S. Bureau of Mines according to approval schedules for respirators to protect against airborne radionuclides, may be used to the extent that they do not exceed the protection factors listed in this Table. The protection factors in this Table may not be appropriate to circumstances where chemical or other respiratory hazards exist in addition to radioactive hazards. The selection and use of respirators for such circumstances should take into account approvals of the U. S. Bureau of Mines in accordance with its applicable schedules.

NOTE 2: Radioactive contaminants for which the concentration values in Appendix B, Table I of this part are based on internal dose due to inhalation may, in addition, present external exposure hazards at higher concentrations. Under such circumstances, limitations on occupancy may have to be governed by external dose limits.



———— Direct Line Responsibility

- - - - - Communication/Coordination

FUNCTIONAL ORGANIZATION  
 POWER GENERATION & ENGINEERING DEPARTMENT  
 WISCONSIN PUBLIC SERVICE CORPORATION

Figure TS6.1-1

KEWAUNEE NUCLEAR POWER PLANT  
 ORGANIZATION CHART UNIT NO.1  
 WISCONSIN PUBLIC SERVICE CORPORATION

Total Plant Personnel - 83

- \* - Reactor Operator License
- \*\* - Senior Reactor Operator License
- \*\*\* - At least One of These Operators will have HP Training on Each Shift

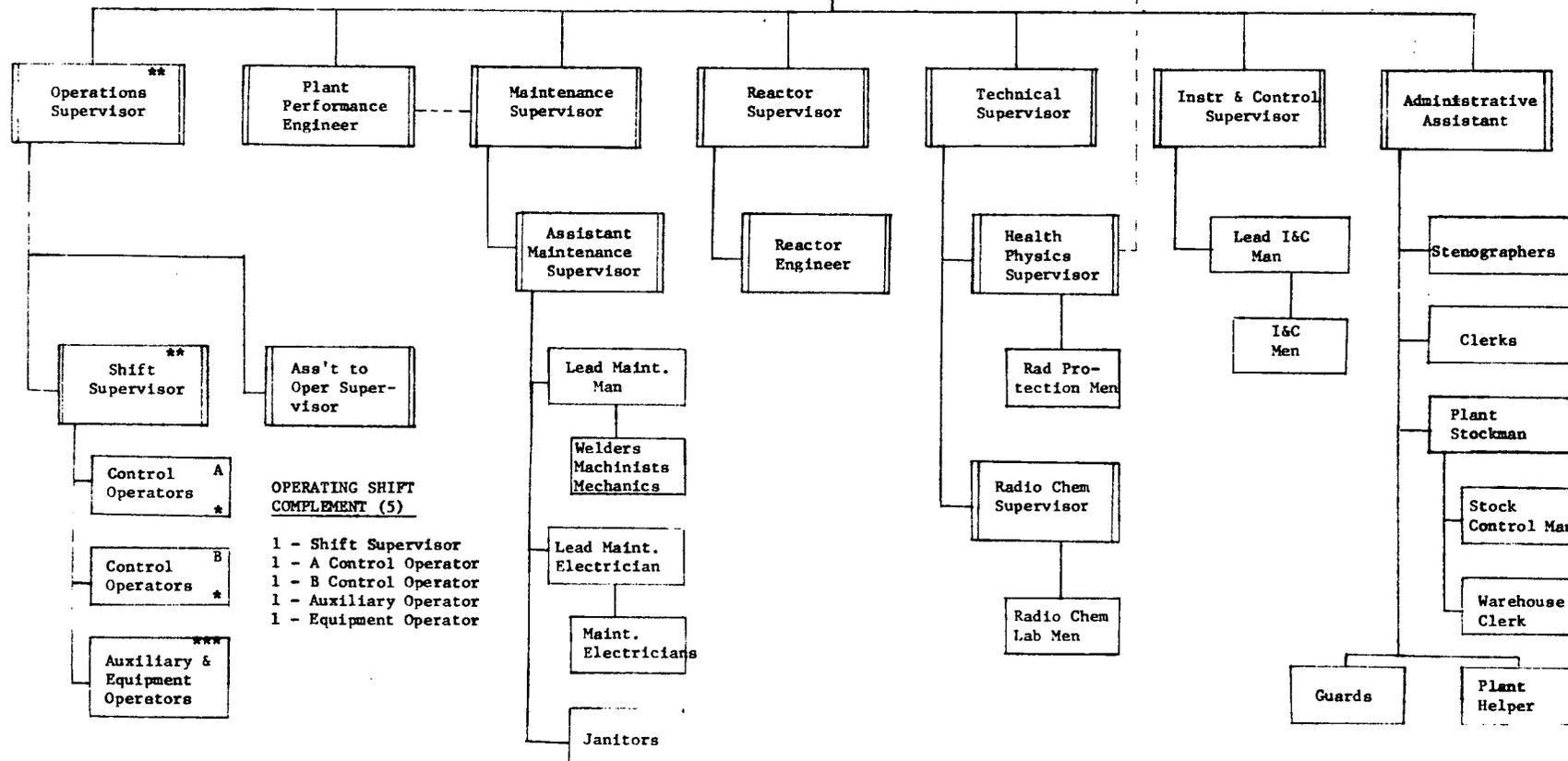
Key Supervisor  
 + Technical  
 Personnel

Technical  
 Advisor  
 (Temporary)

Plant  
 Superintendent

Assistant Plant  
 Superintendent \*\*

----- Advisory



OPERATING SHIFT  
 COMPLEMENT (5)

- 1 - Shift Supervisor
- 1 - A Control Operator
- 1 - B Control Operator
- 1 - Auxiliary Operator
- 1 - Equipment Operator