



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

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY, ET AL.

DOCKET NO. 50-440

PERRY NUCLEAR POWER PLANT, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 43
License No. NPF-58

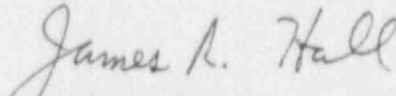
1. The Nuclear Regulatory Commission (the Commission) has found that:
- A. The application for amendment by The Cleveland Electric Illuminating Company, Centerior Service Company, Duquesne Light Company, Ohio Edison Company, Pennsylvania Power Company, and Toledo Edison Company (the licensees) dated February 8, 1988, as supplemented March 14, 1990 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and 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 rules and 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;
 - 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 attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-58 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 43 are hereby incorporated into this license. The Cleveland Electric Illuminating Company shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION


James R. Hall, Sr. Project Manager
Project Directorate III-3
Division of Reactor Projects III/IV/V
Office of Nuclear Reactor Regulation

Attachment:
Changes to the Technical
Specifications

Date of issuance: May 28, 1992

ATTACHMENT TO LICENSE AMENDMENT NO. 43

FACILITY OPERATING LICENSE NO. NPF-58

DOCKET NO. 50-440

Replace the following pages of the Appendix "A" Technical Specifications with the attached pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. Overleaf pages are provided to maintain document completeness.

Remove

3/4 3-17
3/4 3-18
3/4 3-19
3/4 3-20

Insert

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3/4 3-18
3/4 3-19
3/4 3-20

TABLE 3.3.2-2
ISOLATION ACTUATION INSTRUMENTATION SETPOINTS

<u>TRIP FUNCTION</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
<u>1. PRIMARY CONTAINMENT ISOLATION</u>		
a. Reactor Vessel Water Level - Low, Level 2	≥ 129.8 inches*	≥ 127.6 inches
b. Drywell Pressure - High	≤ 1.68 psig	≤ 1.88 psig
c. Containment and Drywell Purge Exhaust Plenum Radiation - High	≤ 2 mR/hr above background	≤ 4 mR/hr above background
d. Reactor Vessel Water Level - Low, Level 1	≥ 16.5 inches*	≥ 14.3 inches
e. Manual Initiation	NA	NA
<u>2. MAIN STEAM LINE ISOLATION</u>		
a. Reactor Vessel Water Level - Low, Level 1	≥ 16.5 inches*	≥ 14.3 inches
b. Main Steam Line Radiation - High	≤ 3.0 x full power background	≤ 3.6 x full power background
c. Main Steam Line Pressure - Low	≥ 807.0 psig	≥ 795.0 psig
d. Main Steam Line Flow - High	≤ 183 psid	≤ 191 psid
e. Condenser Vacuum - Low	≥ 8.5 inches Hg. vacuum	≥ 7.6 inches Hg. vacuum
f. Main Steam Line Tunnel Temperature - High	$\leq 154.4^\circ\text{F}$	$\leq 158.9^\circ\text{F}$
g. Main Steam Line Tunnel Δ Temperature - High	$\leq 103.6^\circ\text{F}$	$\leq 107.4^\circ\text{F}$
h. Turbine Building Main Steam Line Temperature - High	$\leq 134.4^\circ\text{F}$	$\leq 138.9^\circ\text{F}$
i. Manual Initiation	NA	NA

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Amendment No. 7, 43

TABLE 3.3.2-2 (Continued)

ISOLATION ACTUATION INSTRUMENTATION SETPOINTS

<u>TRIP FUNCTION</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
3. <u>SECONDARY CONTAINMENT ISOLATION</u>		
a. Reactor Vessel Water Level - Low, Level 2	≥ 129.8 inches*	≥ 127.6 inches
b. Drywell Pressure - High	< 1.68 psig	< 1.88 psig
c. Manual Initiation	NA	NA
4. <u>REACTOR WATER CLEANUP SYSTEM ISOLATION</u>		
a. Δ Flow - High	≤ 68 gpm	≤ 77.1 gpm
b. Δ Flow Timer	≤ 45 seconds	≤ 47 seconds
c. Equipment Area Temperature - High		
1. RWCU Hx Room	$\leq 136.4^{\circ}\text{F}$	$\leq 138.9^{\circ}\text{F}$
2. Pump Rooms, Valve Nest Room	$\leq 135.4^{\circ}\text{F}$	$\leq 137.9^{\circ}\text{F}$
d. Equipment Area Δ Temperature - High		
1. RWCU Hx Room	$\leq 76.65^{\circ}\text{F}$	$\leq 78.4^{\circ}\text{F}$
2. RWCU Pump Rooms, Valve Nest Room	$\leq 28.65^{\circ}\text{F}$	$\leq 30.4^{\circ}\text{F}$
e. Reactor Vessel Water Level - Low, Level 2	≥ 129.8 inches*	≥ 127.6 inches
f. Main Steam Line Tunnel Ambient Temperature - High	$\leq 154.4^{\circ}\text{F}$	$\leq 158.9^{\circ}\text{F}$
g. Main Steam Line Tunnel Δ Temperature - High	$\leq 103.6^{\circ}\text{F}$	$\leq 107.4^{\circ}\text{F}$
h. SLCS Initiation	NA	NA
i. Manual Initiation	NA	NA

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Amendment No. 7, 43

TABLE 3.3.2-2 (Continued)

ISOLATION ACTUATION INSTRUMENTATION SETPOINTS

<u>TRIP FUNCTION</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
5. <u>REACTOR CORE ISOLATION COOLING SYSTEM ISOLATION</u>		
a. RCIC Steam Line Flow - High	$\leq 290'' \text{ H}_2\text{O}$	$\leq 298.5'' \text{ H}_2\text{O}$
b. RCIC Steam Supply Pressure - Low	$\geq 60 \text{ psig}$	$\geq 55 \text{ psig}$
c. RCIC Turbine Exhaust Diaphragm Pressure - High	$\leq 10 \text{ psig}$	$\leq 20 \text{ psig}$
d. RCIC Equipment Room Ambient Temperature - High	$\leq 143.4^\circ\text{F}$	$\leq 145.9^\circ\text{F}$
e. RCIC Equipment Room Δ Temperature - High	$\leq 95.9^\circ\text{F}$	$\leq 97.2^\circ\text{F}$
f. Main Steam Line Tunnel Ambient Temperature - High	$\leq 154.4^\circ\text{F}$	$\leq 158.9^\circ\text{F}$
g. Main Steam Line Tunnel Δ Temperature - High	$\leq 103.6^\circ\text{F}$	$\leq 107.4^\circ\text{F}$
h. Main Steam Line Tunnel Temperature Timer	$\leq 29 \text{ minutes}$	$\leq 30 \text{ minutes}$
i. RHR Equipment Room Ambient Temperature - High	$\leq 157.4^\circ\text{F}$	$\leq 159.9^\circ\text{F}$
j. RHR Equipment Room Δ Temperature - High	$\leq 50.65^\circ\text{F}$	$\leq 52.4^\circ\text{F}$
k. RCIC Steam Flow High Timer	$3 \text{ seconds} \leq t \leq 13 \text{ seconds}$	$3 \text{ seconds} \leq t \leq 13 \text{ seconds}$
l. Drywell Pressure - High	$\leq 1.68 \text{ psig}$	$\leq 1.88 \text{ psig}$
m. Manual Initiation	NA	NA

TABLE 3.3.2-2 (Continued)

ISOLATION ACTUATION INSTRUMENTATION SETPOINTS

<u>TRIP FUNCTION</u>	<u>TRIP SETPOINT</u>	<u>ALLOWABLE VALUE</u>
6. <u>RHR SYSTEM ISOLATION</u>		
a. RHR Equipment Area Ambient Temperature - High	$\leq 157.4^{\circ}\text{F}$	$\leq 159.9^{\circ}\text{F}$
b. RHR Equipment Area Δ Temperature - High	$\leq 50.65^{\circ}\text{F}$	$\leq 52.4^{\circ}\text{F}$
c. RHR/RCIC Steam Line Flow - High	$\leq 52.1^{\circ}\text{ H}_2\text{O}$	$\leq 55.6^{\circ}\text{ H}_2\text{O}$
d. Reactor Vessel Water Level - Low Level 3	$\geq 177.7\text{ inches}^*$	$\geq 177.1\text{ inches}$
e. Reactor Vessel (PHR Cut-in Permissive) Pressure - High	$\leq 135\text{ psig}$	$\leq 150\text{ psig}$
f. Drywell Pressure - High	$\leq 1.68\text{ psig}$	$\leq 1.88\text{ psig}$
g. Manual Initiation	NA	NA

*See Bases Figure B 3/4 3-1.