

REACTIVITY CONTROL SYSTEMS

LIMITING CONDITION FOR OPERATION (Continued)

- b) The SHUTDOWN MARGIN requirement of Specification 3.1.1.1 is determined at least once per 12 hours, and
- c) A power distribution map is obtained from the movable incore detectors and F_0 and F_N^H are verified to be within their limits within 72 hours.
- d) The THERMAL POWER level is reduced to $< 75\%$ of THERMAL POWER allowable for the Main Coolant pump combination within one hour and within the next 4 hours the Power Range and Intermediate Power Range Neutron Flux high trip setpoint is reduced to $< 108\%$ of the 75% of allowable THERMAL POWER, or
- e) The remainder of the rods in the group with the inoperable rod are aligned to within ± 8 inches of the inoperable rod within one hour while maintaining the rod sequence and insertion limits of Figures 3.1-1 and 3.1-2; the THERMAL POWER level shall be restricted pursuant to Specification 3.1.3.5 during subsequent operation.

SURVEILLANCE REQUIREMENTS

- 4.1.3.1.1 The position of each control rod shall be determined to be within the limit by verifying the individual rod positions at least once per 4 hours.
- 4.1.3.1.2 Each control rod not fully inserted shall be determined to be OPERABLE by movement of at least 4 inches in any one direction at least once per 31 days.
- 4.1.3.1.3 The maximum reactivity insertion rate due to withdrawal of the highest worth control rod group shall be determined not to exceed $1.5 \times 10^{-4} \Delta k/k$ per second at least once per 18 months.

50-29

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: NRC

FROM: Yankee Atomic Elec
Westborough, Mass
W P Johnson

DATE OF DOCUMENT

8-17-76

DATE RECEIVED 8-23-76

☒ LETTER
☒ ORIGINAL
☐ COPY☒ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

3 signed

DESCRIPTION

Ltr notarized 8-17-76.....trans the following:

ENCLOSURE

Supplement #9 to Amdt to OL/Change to Tech
Specs #125: Consisting of revised & addl
info concerning core XII Rod Ejection Analysis
.....(40 cys encl rec'd)

PLANT NAME: Yankee Rowe

DO NOT REMOVE

ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

8-23-76

ehf

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST.:

INTERNAL DISTRIBUTION

REC FILE

NRC PDR

I & E (2)

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GOSSICK & STAFF

MIPC

CASE

HANAUER

HARLESS

SYSTEMS SAFETY

HEINEMAN

SCHROEDER

ENGINEERING

MACCARRY

KNIGHT

SIHWEIL

PAWLICKI

REACTOR SAFETY

ROSS

NOVAK

ROSZTOCZY

CHECK

AT & I

SALTZMAN

RUTBERG

PLANT SYSTEMS

TEDESCO

BENAROYA

LAINAS

IPPOLITO

KIRKWOOD

OPERATING REACTORS

STELLO

OPERATING TECH.

EISENHUT

SHAO

BAER

BUTLER

GRIMES

SITE SAFETY &

ENVIRO ANALYSIS

DENTON & MULLER

ENVIRO TECH.

ERNST

BALLARD

SPANGLER

SITE TECH.

GAMMILL

STAPP

HULMAN

SITE ANALYSIS

VOLLMER

BUNCH

J. COLLINS

KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Greenfield, Mass

TIC:

NSIC:

ASLB:

ACRS 16 CYS HOLDING/SENT TO LA Sheppard

NAT LAB:

REG. VIE

LA PDR

CONSULTANTS

BROOKHAVEN NAT LAB

ULRIKSON(ORNL)

8635