



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

NOV 15 1976

Docket No. 50-293

MEMORANDUM FOR: K. Goller, Assistant Director for Operating Reactors,
DOR

FROM: D. Eisenhut, Assistant Director for Operational
Technology, DOR

SUBJECT: SINGLE LOOP OPERATION - PILGRIM UNIT 1

PLANT NAME: Pilgrim Unit 1
DOCKET NO.: 50-293
LICENSING STAGE: Post OL
RESPONSIBLE BRANCH AND PROJECT MANAGER: LWR-2, P. O'Connor
TECHNICAL REVIEW BRANCH INVOLVED: Reactor Safety
REVIEW STATUS: Awaiting Information

The Reactor Safety Branch, in conjunction with the Analysis Branch (DSS), is reviewing the Boston Edison Company's request for single loop operation of the Pilgrim Unit 1 plant. Enclosed is additional information we require to complete our review of the non-ECCS aspects of single loop operation.

A handwritten signature in dark ink, appearing to read "Darrell G. Eisenhut".

Darrell G. Eisenhut, Assistant Director
for Operational Technology
Division of Operating Reactors

Enclosure:
As stated

cc: V. Stello
D. Ziemann
R. Baer
F. Coffman
P. O'Connor ✓
R. Frahm
Z. Rosztoczy
R. Audette
L. Olshan

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PDR FOIA
BELL34-105 PDR

The idle loop startup transient has been analyzed in your FSAR from an initial power of 70%. In supplement 1 to NEDO-20999, page 4-1, it states that "operation with one recirculation loop results in a maximum power output which is 20 to 30% below that from (sic) which can be attained for two-pump operation." Is 70% power the most severe initial power for the idle loop startup transient analysis? If not, revise the analysis using the most severe initial power level.

Transmitted orally 11/12/75
BECs accepts a limit to 70%
of full power, put in TS