



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

Docket Nos. 50-329/330

DEC 18 1978

MEMORANDUM FOR: R. M. Satterfield, Chief, Instrumentation and Control
Systems Branch, DSS

FROM: T. M. Novak, Chief, Reactor Systems Branch, DSS

SUBJECT: MIDLAND ECCS PUMP TRIPS

The Midland ECCS design differs in some respects from similar previously licensed 177 Fuel Assembly B&W plants. The applicant's response to RSB question 211.115 describes these differences. The design includes (items 2 and 8 in their response):

1. protective trip interlocks for the HPI/makeup pumps for normal operation to protect against misaligned valves.
2. automatic decay heat removal/LPI pump trip on low flow to prevent pump damage due to inadvertent closure of a suction valve.

We request that ICSB confirm that these "additions" to the Midland ECCS are acceptable, such that a single failure will not cause loss of more than one ECCS train.

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