

IE Files

Date: MAY 13 1976

Serial No.: IE-RID-76-10

TRANSFER OF LEAD RESPONSIBILITY

To: K. R. Goller, Assistant Director for Operating Reactors

Subject: Instrumentation Requirements Necessary to Verify Adherence
to Technical Specification Temperature and Pressure LimitationsFacilities: All Pressurized Water Facilities Holding Construction
Permits and the Following Facilities Holding Operating
Licenses:

Facility	Docket No.
Turkey Point, Unit No. 3	50-250 ✓
Turkey Point, Unit No. 4	50-251
Palisades	50-255
Surry, Unit No. 1	50-280
Surry, Unit No. 2	50-281
Fort Calhoun	50-285
Three Mile Island, Unit No. 1	50-289
Main Yankee	50-309
Rancho Seco	50-312
Arkansas Nuclear One, Unit No. 1	50-313
Calvert Cliffs, Unit No. 1	50-317
Millstone, Unit No. 2	50-336

Responsible Branch Chief: K. V. Seyfrit

Description of Item Requiring Resolution:

To permit the licensee to verify adherence to the temperature and pressure limitations stated in the technical specifications, continuous records of these parameters are needed. Enclosure 1, IE Bulletin No. 75-08, requested information on reactor coolant system (RCS) temperature and pressure instrumentation. Enclosure 2 includes responses to IE Bulletin No. 75-08, and a summary of these responses is provided as Enclosure 3. As indicated in these responses, several facilities do not have continuous wide range recording of RCS temperature and pressure. This information is vital for evaluation of usage factors resulting from unanticipated transients which occur when the system is solid and in the lower or intermediate pressure range (0-1500 psi). Enclosures 4, 5 and 6 are examples of such transients.

We believe that wide range RCS temperature and pressure recorders should be required instrumentation for all pressurized water reactor facilities.

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