



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

23 JUL 1987

Docket Nos.: 50-369
and 50-370

LICENSEE: Duke Power Company
FACILITY: McGuire Nuclear Station, Units 1 and 2
SUBJECT: SUMMARY OF MEETING REGARDING GROUNDWATER MONITORING
AND CONTROL, MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

On July 9, 1987 Mr. G. Staley, a hydraulic engineer with NRR's Structural and Geosciences Branch, and the NRR Project Manager met with three members of Duke Power Company (S. LeRoy, D. Johnson, J. Brewer) to discuss and observe groundwater monitoring and control at the site. The discussions were based upon licensee's letters of October 31, 1984 and July 15, 1985 which requested changes to the Technical Specifications for interior groundwater monitors to provide consistency between Technical Specification 3/4.7.13 and the as-built capabilities of the Groundwater Monitoring System.

After receipt of the licensee's submittals, the NRR Project Manager had stated to the licensee that the requests do not address other apparent inconsistencies in TS 3/4.7.13 and that the present requests could not be granted unless these inconsistencies are also addressed by the change. Specifically, the licensee was requested to re-examine the various times provided for operation actions as a function of the predetermined rates-of-rise of the indicated groundwater levels, and to verify that limiting elevations would not be exceeded with the proposed TS change. The licensee stated that the original dewatering calculations were not available and were being re-calculated using civil engineering records.

As a basis for the meeting, NRR requested the licensee to discuss the limiting criteria used for the underground drainage system. Specifically, the licensee was requested to (1) provide details for the structural distress levels at 732 foot elevation with respect to relevant load combinations used in the structural design, (2) clarify whether the criteria were based upon forces acting upon specific walls or upon buoyancy considerations, and (3) classify the type of distress that would occur at the limiting elevations.

The licensee noted that upon completion of the dewatering calculations, this information and a revised request for change to the Technical Specification would be submitted.

The interior and exterior wells used to monitor groundwater levels were observed. The location of these wells are shown on the attached sketch. The staff also reviewed an example of the recorded data.

(S)

Darl Hood, Project Manager
Project Directorate II-3
Division of Reactor Projects, I/II

Enclosure: As stated

cc: See next page

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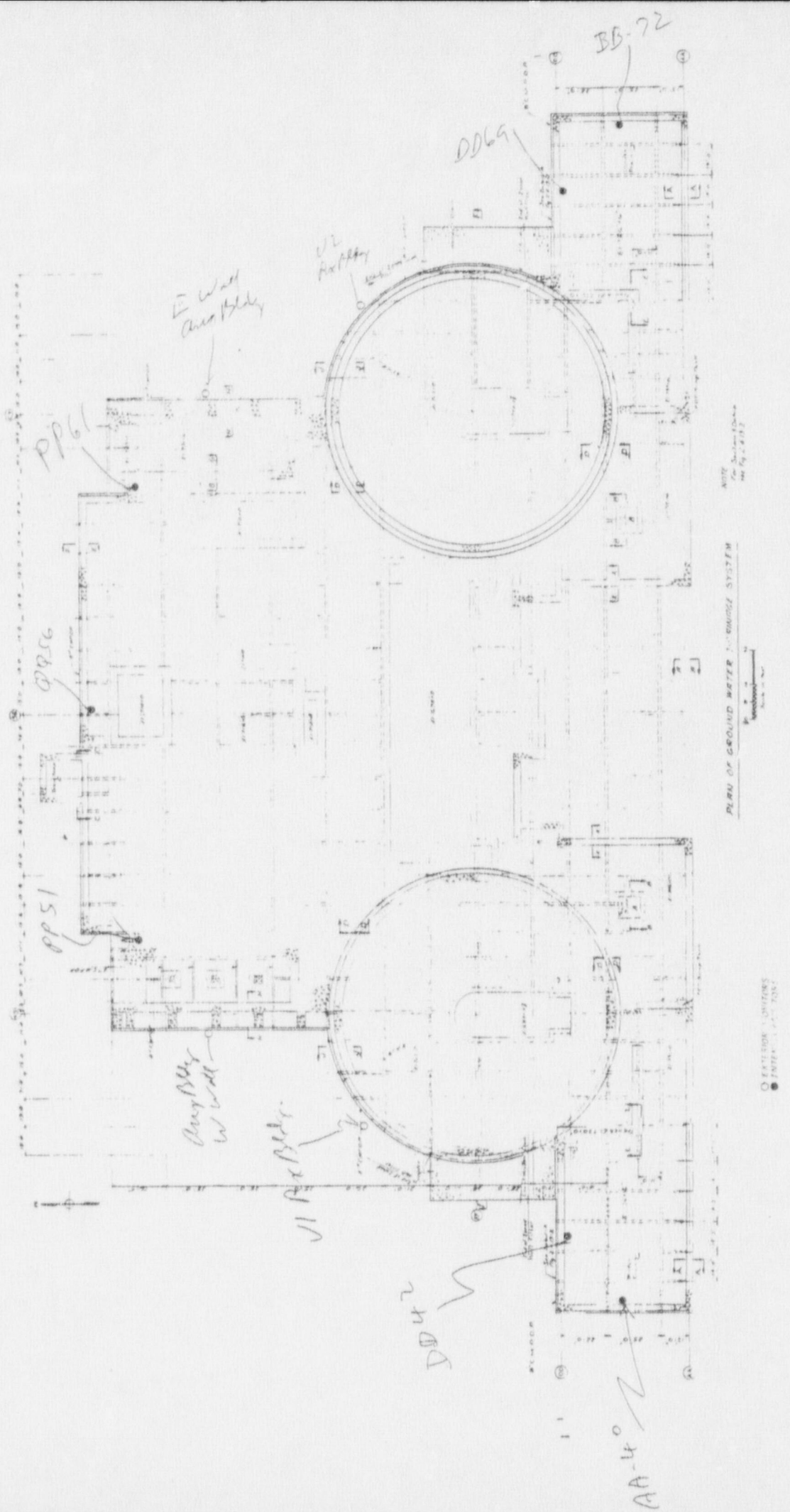
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MEETING SUMMARY DISTRIBUTION

Docket File

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L PDR

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PD#II-3 Rdg

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NRC Participants

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