

PRELIMINARY NOTIFICATION

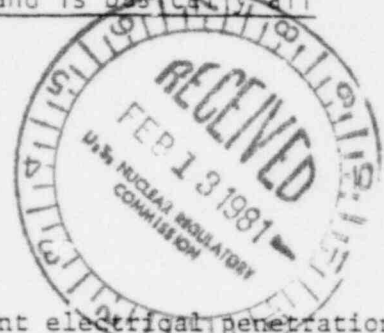
Date: 1/20/81

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURENCE--PNO-III-81-11 Page 1 of 2

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is as initially received without verification or evaluation and is basically all that is known by IE staff as of this date.

Facility: Toledo Edison Company  
Davis Besse 1 (Docket No. 50-346)  
Oak Harbor, OH

Subject: WATER IN CONTAINMENT ELECTRICAL PENETRATION



While replacing a pressure gauge in one of the containment electrical penetrations, the licensee found water in the penetration. A check of eleven other electrical penetrations in the EAST penetration room disclosed water in all eleven. A check of three penetrations in the WEST penetration room showed all were dry. The water found in each of the EAST penetrations was reported to be 100 cc's or less. Chemical analysis of the water has been done in an attempt to determine the source of the water. The water has a neutral ph (6.8 to 8.3), no boron, no hydrazine, no ammonia, and no radioactivity. The licensee has not yet identified the source of the water but is still investigating. The penetrations are maintained under a positive nitrogen pressure. The cryogenic nitrogen tank also supplies the cover gas to tanks in several water systems.

The licensee plans to inspect the electrical containment penetrations and to make sure that all are dry using recommendations from the manufacturer (Amphenol). The licensee's procedure for drying the penetrations will be reviewed by the NRC and this matter will be resolved before the reactor goes back into operation. The unit is presently in cold shutdown for replacement of reactor coolant pump seals.

Neither the licensee nor the NRC currently plan to make a news release.

The State of Ohio is being informed.

The resident inspector was notified of this matter on January 19, 1981, and is following the licensee's investigation and corrective actions. A Region III electrical inspector has been dispatched to the site to assist the resident inspectors in evaluating the licensee's actions. The resident inspector has been in communication with the resident inspector at Millstone regarding a similar event there, and has made sure that the Davis-Besse licensee has been in touch with the Millstone licensee to discuss corrective actions. This information is current as of 10:00 a.m., January 20, 1981.

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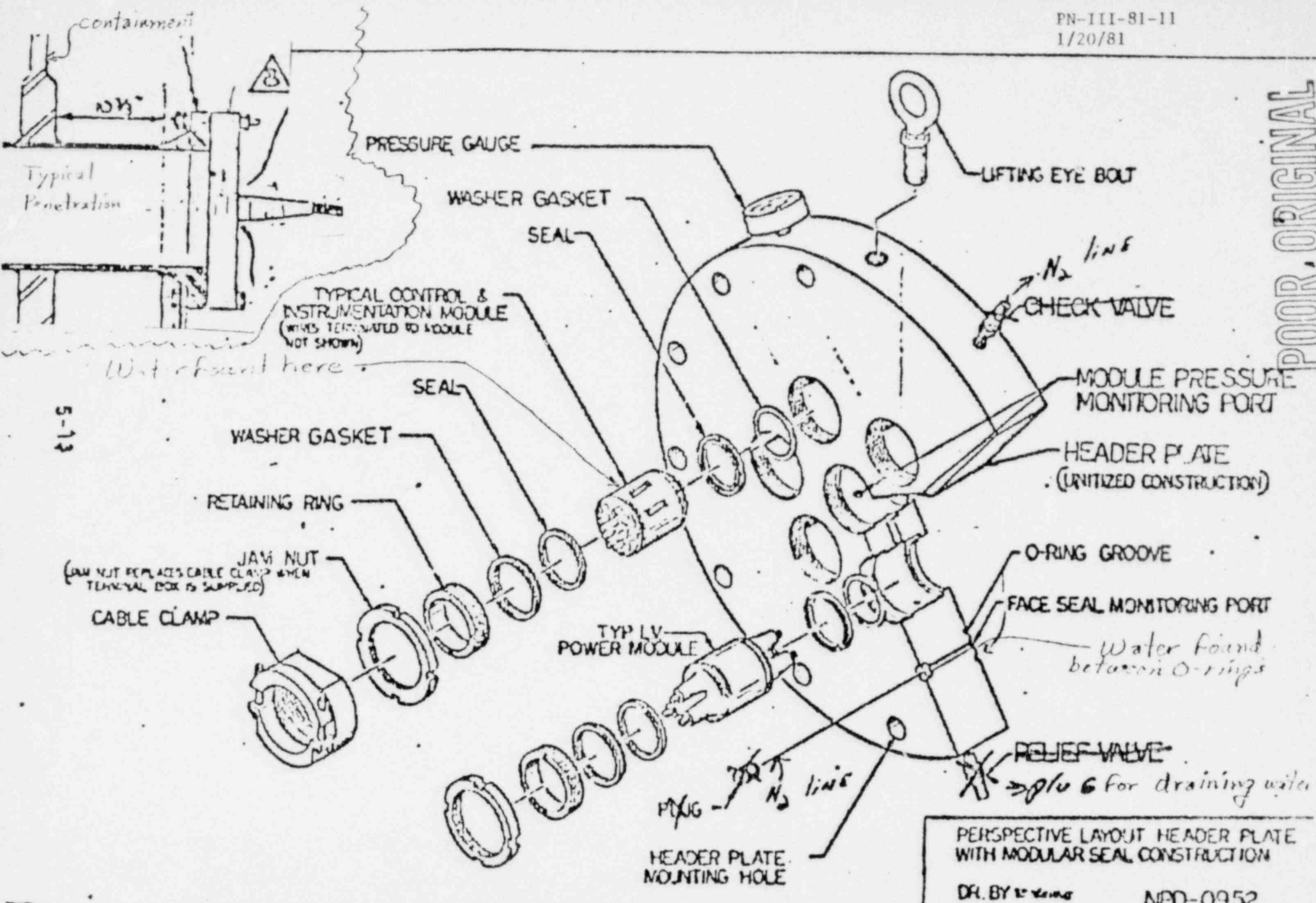
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POOR ORIGINAL



5-13

*Water found here*

*Water found between O-rings*

*plus 6 for draining water*

PERSPECTIVE LAYOUT HEADER PLATE  
WITH MODULAR SEAL CONSTRUCTION  
DR. BY [signature] NPD-0952