

*[Handwritten Signature]*  
DATE April 19, 1976

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PN-

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 OIE staff as of \_\_\_\_\_ on the date of this notification. IT SHOULD BE SPECIFICALLY NOTED THAT THIS NOTIFICATION MAY CONTAIN INFORMATION THAT LATER MAY BE DETERMINED TO BE INACCURATE OR INCONSISTENT. AN OFFICE OF INSPECTION AND ENFORCEMENT NOTIFICATION OF AN INCIDENT OR OCCURRENCE (BLUE SHEET) SUBSEQUENTLY WILL BE ISSUED IF WARRANTED.

Facility: Florida Power Corporation  
Crystal River 3 (DN 50-302)

Subject: Spalling of Containment Dome

A separation in the concrete dome of the reactor building was identified during preparation for the structural integrity test, when an anchor bolt failed to hold. Sonic sounding indicates a major portion of the dome is involved. The separation is believed to extend to at least five inches below the surface and into the rebar area. The aggregate used was reported to be lime rock and very similar to that used in the Turkey Point 3 dome, which failed during tensioning (June 1970).

Licensee reported that they heard an event that sounded like a sonic boom on December 4, 1974, with 2/3 of the dome tendons tensioned. They now believe the dome spalling occurred at that time.

The dome spalling problem is expected to impact on the July 31, 1976 fuel loading date. Licensee plans have not been finalized for investigation of the concrete spalling problem. An NRC special inspection is planned.

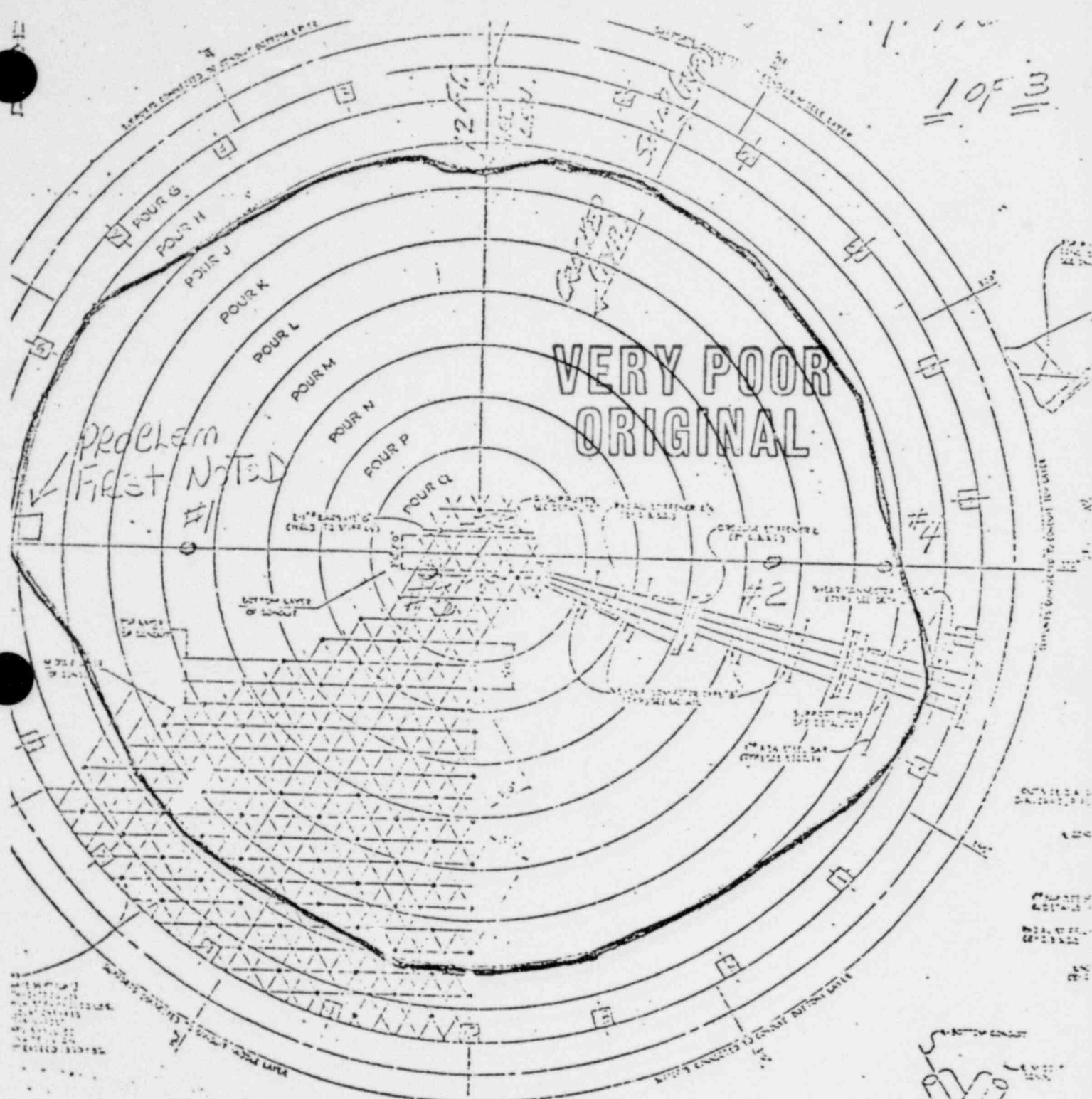
Media interest is expected, due to the probable impact on the completion date of construction. NRC is considering issuance of a press release.

OIE received notification of this event from the Plant Superintendent on April 17, 1976.

TRANSMITTED VIA CMC  
4/19/76 - 3:20 p.m. - aw

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1 of 3



VERY POOR ORIGINAL

Problem First Noted #1

Problem #2

ARRANGEMENT OF THE CONCRETE  
S. FLOOR, L. FLOOR, AND  
(IN WALLS)

PLAN VIEW

I

LINE BETWEEN GOOD & CRACKED  
PORTION OF RAISED RING DOME

BASED ON SECTIONING AND TEST RESULTS