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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME: AUTHOR AFFILIATION
 SHALLER, D.V. Indiana & Michigan Power Co.
 RECIP. NAME: RECIPIENT AFFILIATION

SUBJECT: ~~8001070351~~ 791219, during analysis described in IE Bulletin 79-14,
 nonconformance identified in small piping sys. Caused by
 discrepancy between piping design & as-built condition. Mod
 being implemented, followup rept by 800102.

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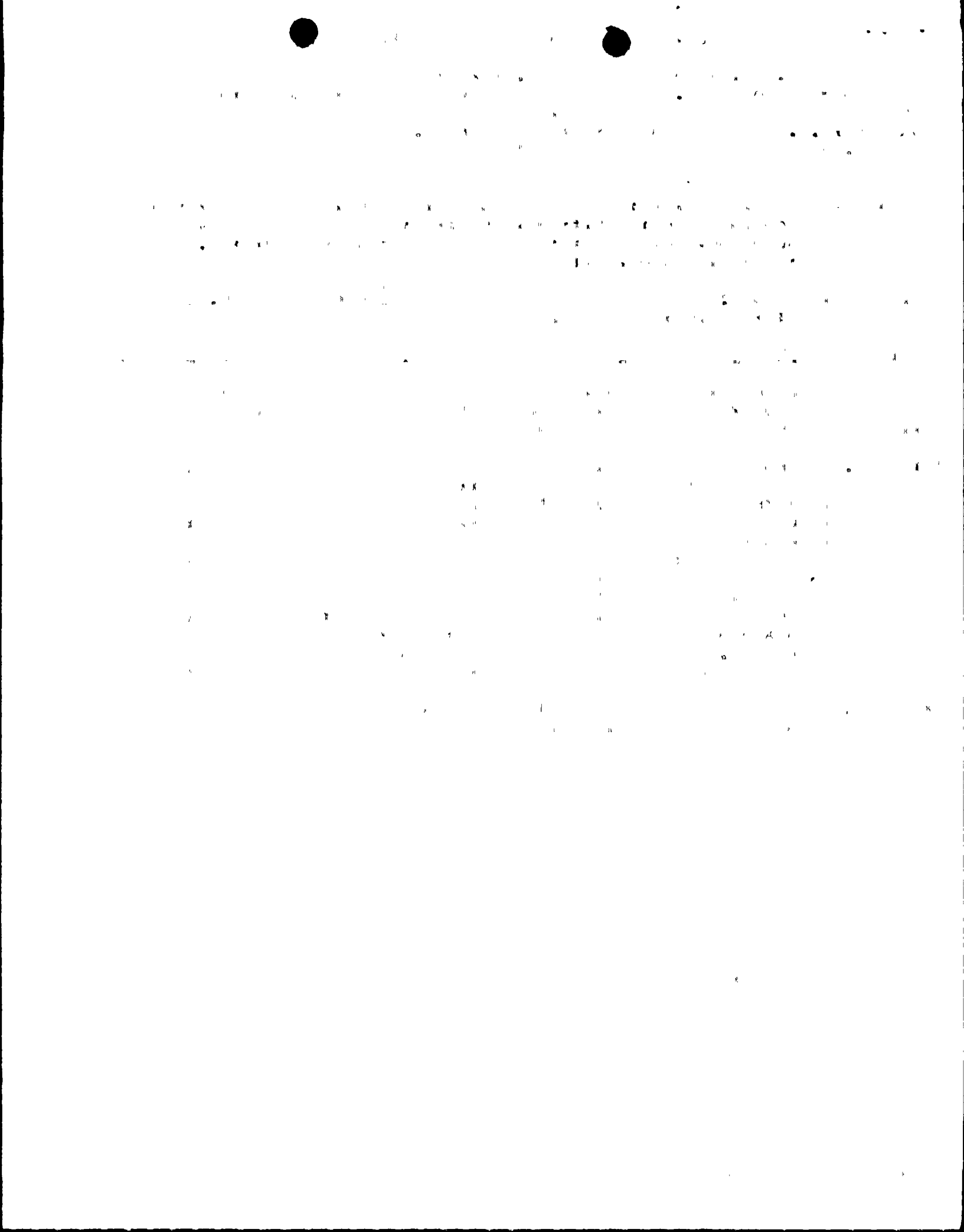
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INDIANA & MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106

December 20, 1979

Mr. J.G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-74
Docket No. 50-316

Dear Mr. Keppler:

This is to confirm our verbal report to NRC Region III Inspector,
Mr. R.E. Masse, at 1620 hours on December 19, 1979.

At that time we reported that as part of the inspection and analysis process mandated by IE Bulletin 79-14, a significant non-conformance was identified in a small piping system of Unit 2 of the Cook Plant. This significant non-conformance arose because of a discrepancy between the piping design analysis and the "as-built" condition. The piping involved is a 1.0" diameter line, connected between the primary piping and the excess let-down heat exchanger. Reanalysis indicated that the 1.0" diameter pipe would be stressed above the yield limit in the unlikely event that the Design Basis Earthquake occurs. The piping system was reanalyzed with two additional restraints and all the stresses were found to be within the code allowable limit. The modification is being implemented in the Unit.

A followup report will be submitted by January 2, 1980, as required by Technical Specification Section 6.9.1.8.

Sincerely,

D.V. Shaller
Plant Manager

/bab

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