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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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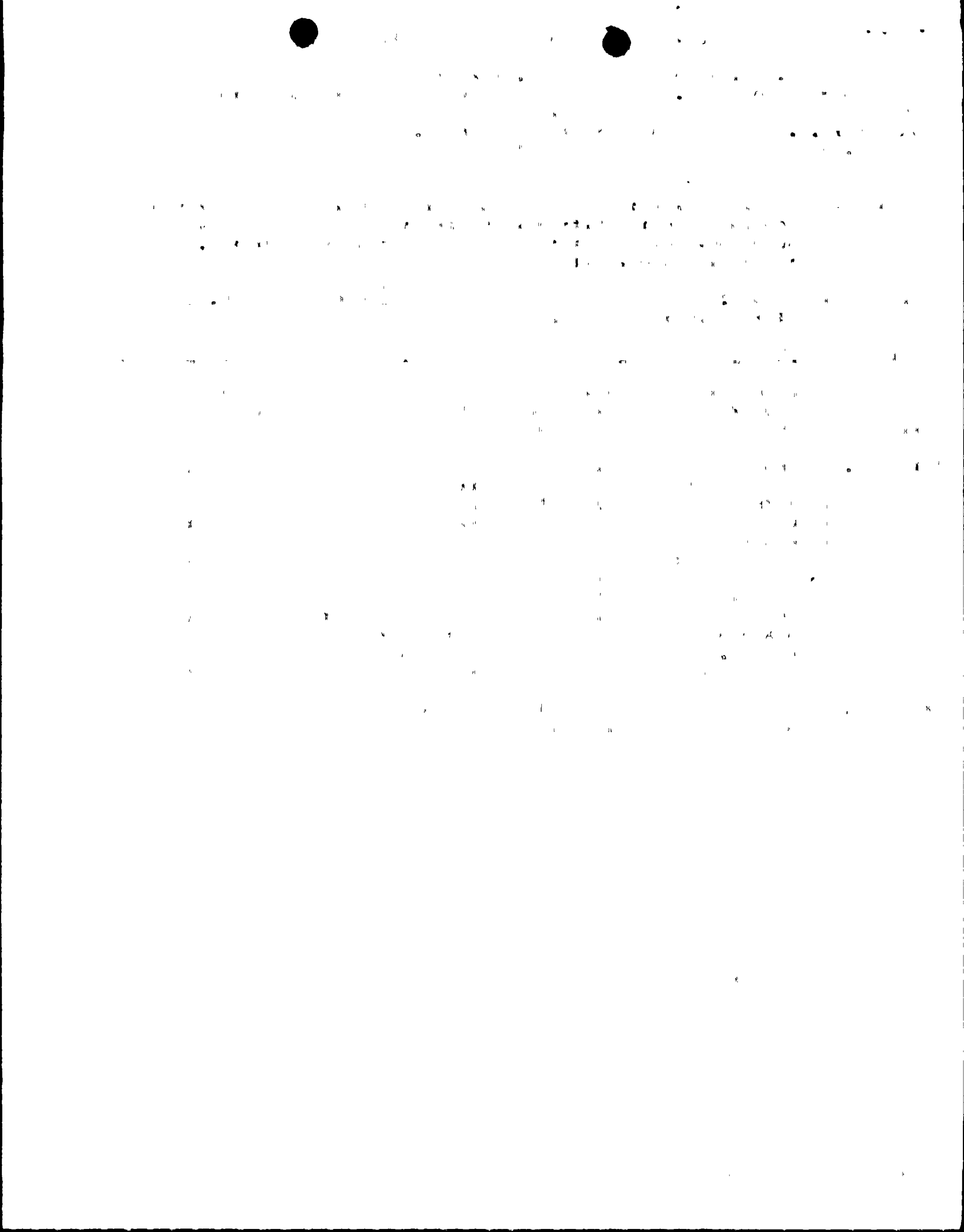
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December 20, 1979

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

- cc: J.E. Dolan
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- R. Kilburn
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