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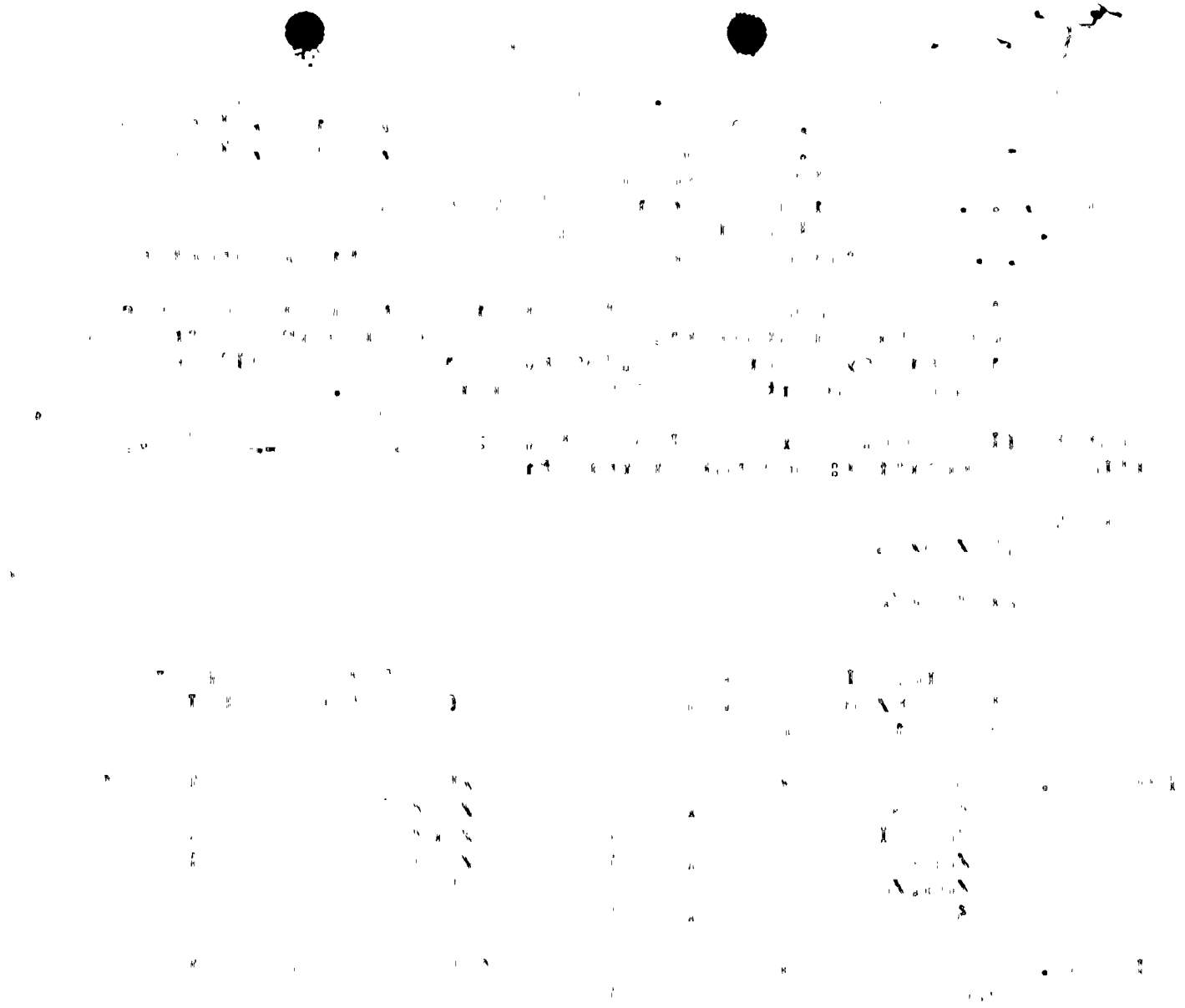
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 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 ALEXICH, M.P. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director

SUBJECT: Advises of performance of analysis of radiation exposure concerning installation of wagon wheel loading restraints in primary cooling loop. Inservice insp doses will be same order of magnitude as doses similar PWRs.

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January 17, 1985

AEP:NRC:0137F

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
Primary Loop Restraints Installation Criteria (Dose Estimate)

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Denton:

Pursuant to the request of your staff, an analysis of radiation exposure has been performed, for the Donald C. Cook Nuclear Power Plant, Units 1 and 2 concerning the installation of "wagon wheel" type asymmetric loading restraints in the primary coolant loop. The occupational exposure estimated for installing additional pipe restraints will be about 1663 Man-Rem for each unit. This estimated dose value does not include doses from the subsequent inservice inspections of the pipe restraints. It is expected that these inservice inspection doses will, for D. C. Cook, be of the same order of magnitude as for other, similar PWRs.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,


M. P. Alexich
Vice President 1/17/85

edg

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