

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3370

FILE:

FROM: Niagara Mohawk Power Corporation Syracuse, N.Y. 13202 Mr. James Bartlett			DATE OF DOC 4-11-74	DATE REC'D 4-17-74	LTR X	MEMO	RPT	OTHER
TO: D.J. Skovholt			ORIG 1 signed	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT XXX	NO CYS REC'D 40		DOCKET NO: 50-220		

DESCRIPTION:
Ltr requesting a modification to their facility described in the following enclosures.....

ENCLOSURES:
Figure #1 - Incore HSG Plug Layout.
Figure #2.

ACKNOWLEDGED
(40 cys encl rec'd)

DO NOT REMOVE

PLANT NAME: Nine Mile Point #1

FOR ACTION/INFORMATION

4-17-74

JB

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INTERNAL DISTRIBUTION

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EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR Oswego, N.Y. 4 ✓1 - TIC (ABERNATHY) ✓1 - NSIC (BUCHANAN) 1 - ASLB 1 - P. R. DAVIS (AEROJET NUCLEAR) ✓16 - CYS ACRS HOLDING Sent to Teets 4-17-74	(1) (2X10) NATIONAL LAB'S 1-ASLBP (E/W Bldg, Rm 529) 1-W. PENNINGTON, Rm E-201 GT 1-CONSULTANT'S NEWMARK/BLUME/AGBABIAN 1-GERALD ULRICKSON...ORNL 1-B & M SWINEBROAD, Rm E-201 GT	1-PDR-SAN/LA/NY 1-GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1-AGMED (Ruth Gussman) RM-B-127, GT. 1-RD..MULLER..F-309 GT
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1. The first part of the document is a list of names and addresses of the members of the committee.

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD WEST
SYRACUSE, N.Y. 13202

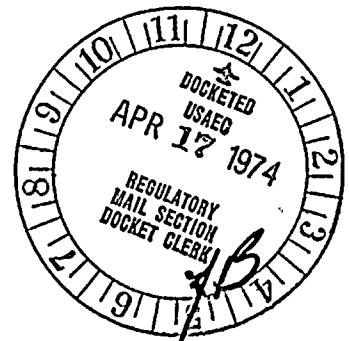
April 11, 1974



Mr. Donald J. Skovholt
Assistant Director for Operating Reactors
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Skovholt:

Re: Nine Mile Point Unit 1
Docket No. 50-220



Pursuant to Section 50.59 of the Commission's Regulations, Niagara Mohawk plans to make a change in its facility under Provisional Operating License No. DPR-17. Briefly, this change consists of installation of plugs in the upper end of the non-instrumented incore housings.

The modification is designed to prevent the accumulation of radioactive scale in the non-instrumented incore housing flanges under the reactor vessel. The scale accumulation in these housings produces high radiation levels under the vessel and interferes with control rod drive maintenance operations.

The proposed facility modification provides for installation of plugs in the upper end of the non-instrumented incore housing as shown in Figure 1 attached. This will prevent the accumulation of radioactive scale in these incore housings. The four fuel assemblies surrounding the incore housing would be removed and the plug inserted. As can be noted from the attached figure, a fluid path is provided through a screen into the core housing from the area between the upper and lower core support plates. This will prevent any pressurization force buildup within the incore housing by providing equalized pressures in and out of the tube. The plug assembly cannot be forced completely out of the incore housing due to the normal positioning of the fuel assemblies and the length of the plug assemblies. The twenty-two spare incore housing locations are shown on Figure 2.

3370

3373

THE UNITED STATES OF AMERICA

DEPARTMENT OF JUSTICE

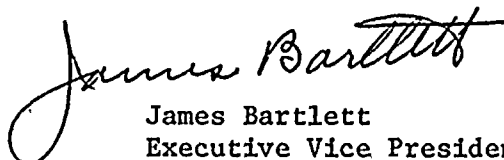
OFFICE OF THE ATTORNEY GENERAL

Mr. D. J. Skovholt
U. S. Atomic Energy Commission

April 11, 1974

The facility modification has been reviewed by on-site and off-site safety review committees who concur that the modification is in the best interest of maintaining a high degree of safety and reduction in personnel exposure.

Very truly yours,

A handwritten signature in cursive script, reading "James Bartlett". The signature is written in dark ink and is positioned above the printed name and title.

James Bartlett
Executive Vice President

/sz



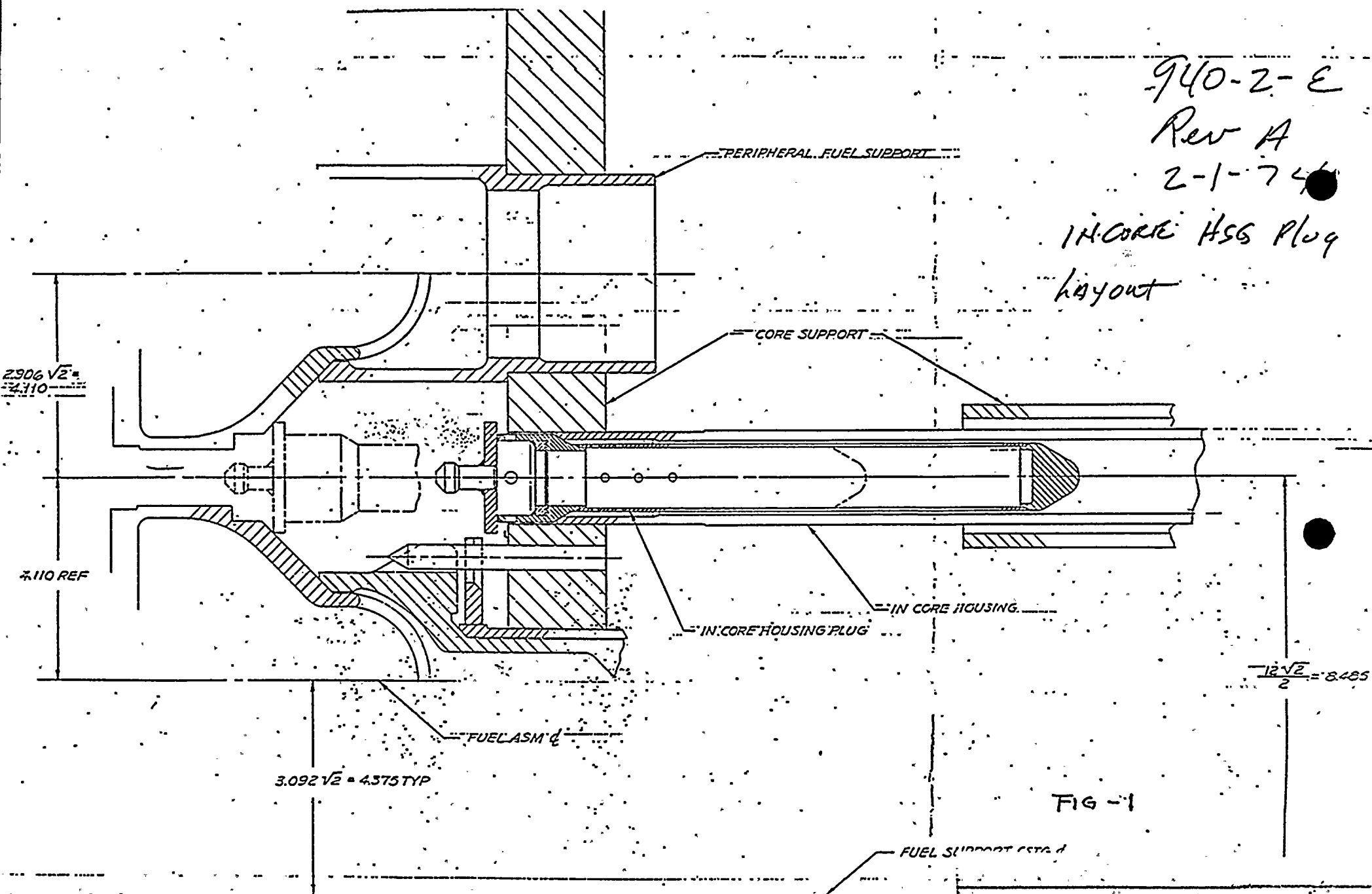
1. The first part of the document is a list of names and addresses. The names are listed in the first column, and the addresses are listed in the second column. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

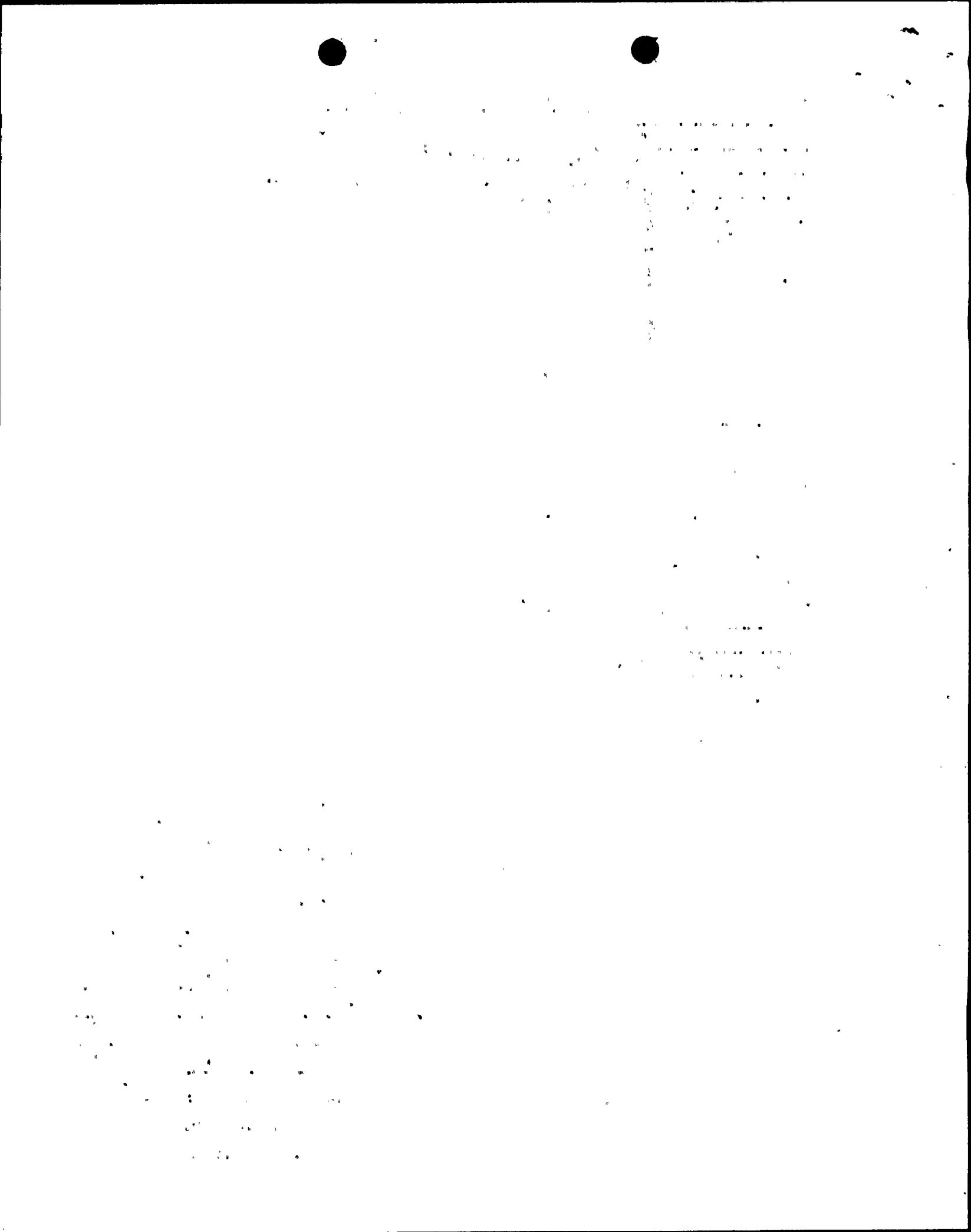
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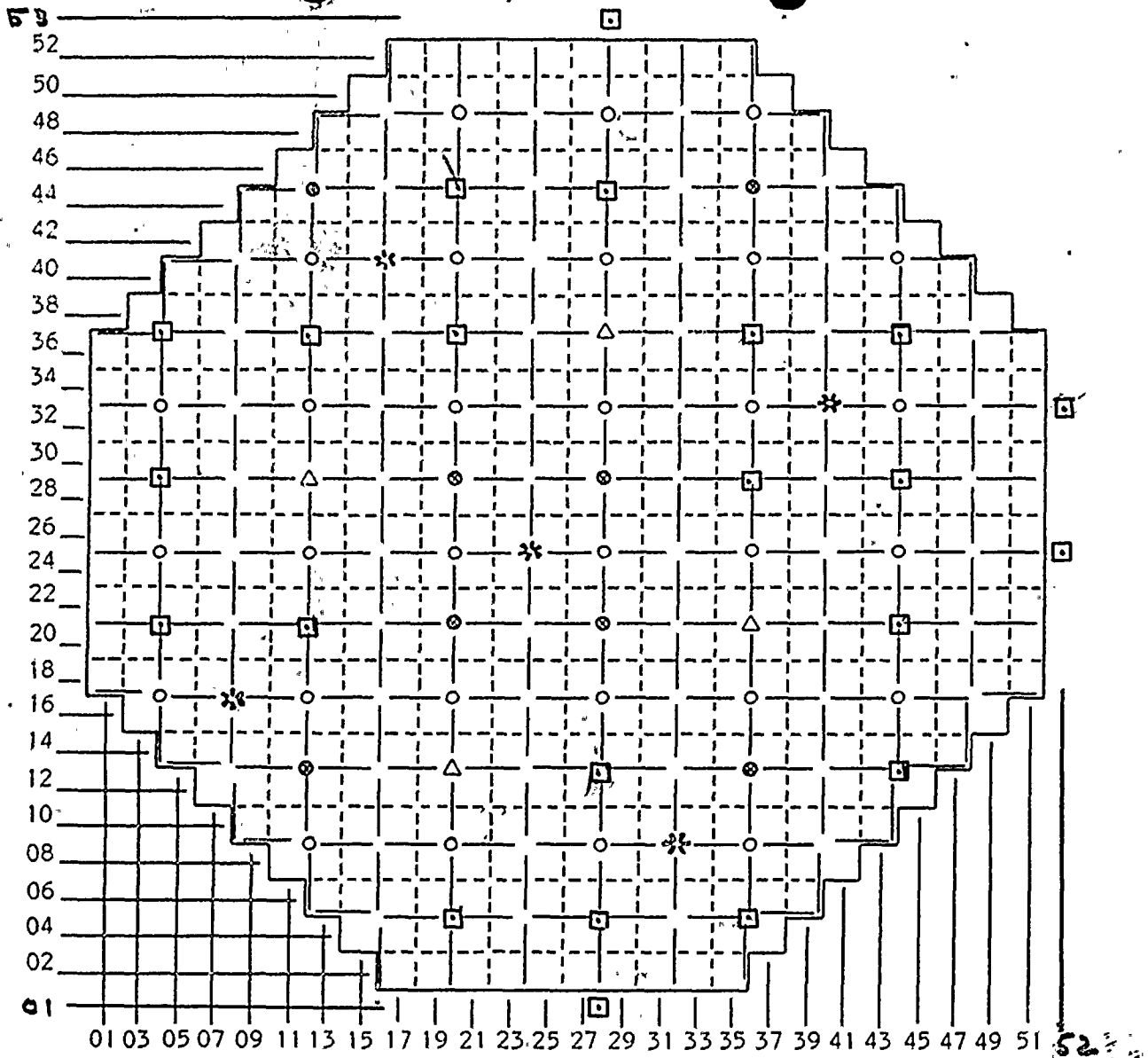
Rev A

2-1-74

IN-CORE HSS Plug
Layout







- LPRM LOCATION
- ⊙ IRM LOCATION
- △ SRM LOCATION
- * SOURCE LOCATION
- SPARE LPRM LOCATION

NOTE:

ASSEMBLIES WITH A FACE ON THE CORE PERIPHERY HAVE FLOW RESTRICTIVE ORIFICING.

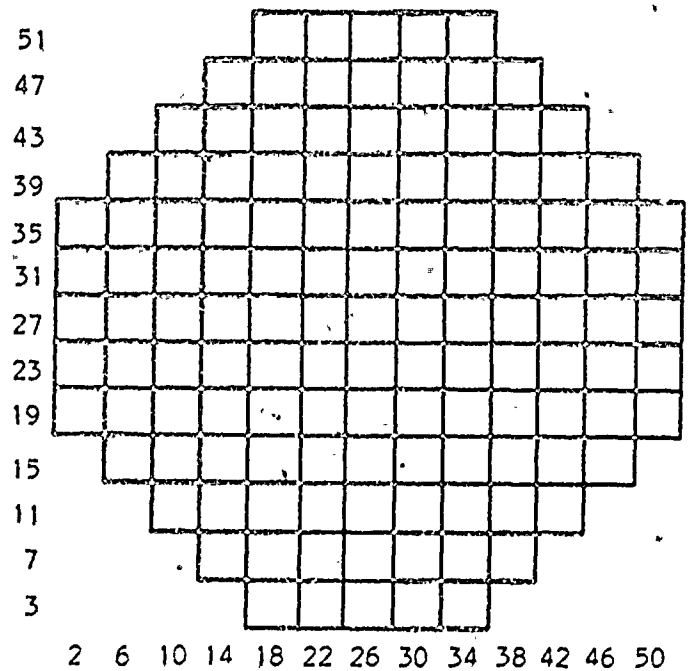


FIG-2

