CATEGORY 1

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FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
AUTH.NAME AUTHOR AFFILIATION
MECREDY,R.C. Rochester Gas & Electric Corp.
RECIP.NAME RECIPIENT AFFILIATION
JOHNSON,A.R.

SUBJECT: Submits 30-day response to NRC Bulletin 96-001, "Control Rod Insertion Problems," dtd 960308.

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TITLE: NRC Bulletin 96-01 - Control Rod Insertion Problems

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C A T E G O R Y 1

D O C U M E N T

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ROBERT C. MECREDY
Vice President
Nuclear Operations

April 8, 1996

U.S. Nuclear Regulatory Commission
Document Control Desk
Attn: Allen R. Johnson
Project Directorate I-1
Washington, D.C. 20555

Subject: 30-day Response to NRC Bulletin 96-01, "Control Rod Insertion Problems", March 8, 1996
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

References: (a) Letter from R.C. Mecredy (RG&E) to A.R. Johnson (NRC), "Response to NRC Bulletin 96-01," dated March 28, 1996

(b) Letter from R.C. Mecredy (RG&E) to A.R. Johnson (NRC), "Response to NRC Bulletin 96-01," dated March 29, 1996

Dear Mr. Johnson:

Rochester Gas and Electric provided its response to Requested Actions (1) through (4) by letter dated March 28, 1996 (Reference a). A clarification was provided by letter dated March 29, 1996 (Reference b). These two letters satisfied the Required Response (1) of the subject bulletin.

In accordance with Required Response (2) the following information and the attachments are submitted for your information applicable to the current (Cycle 25) and next cycles (Cycle 26).

Attachment 1 - Fuel Type

Attachment 2 - Core Locations Indicating Assembly Numbers of Rodded Assemblies for Reference (Cycle 25)

Attachment 3 - Average Assembly Burnup Distribution at EOL - Rodded Locations Only

Attachment 4 - Average Assembly Burnup Distribution at EOL - All Locations

Attachment 5 - Control Rod Cluster Locations

Attachment 6 - Projected End of Cycle Burnup for Cycle 26 at Rodded Locations

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In addition , within 30 days following completion of the drag force testing to which we committed in Reference (a), a summary report of such testing will be submitted for all rodded fuel assemblies with burnups greater than 30,000 MWD/MTU, as well as a representative sample at lower burnups.

Very Truly Yours,

Robert C. Mecredy

Subscribed and sworn to before me
on this 8th day of April, 1996

Deborah A. Piperni

DEBORAH A.PIPERNI
Notary Public in the State of New York
ONTARIO COUNTY
Commission Expires Nov. 23, 19 97

NRC5\424

xc: Mr. Allen R. Johnson (Mail Stop 14D1)
Project Directorate I-3
Washington, D.C. 20555

U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

US NRC Ginna Senior Resident Inspector

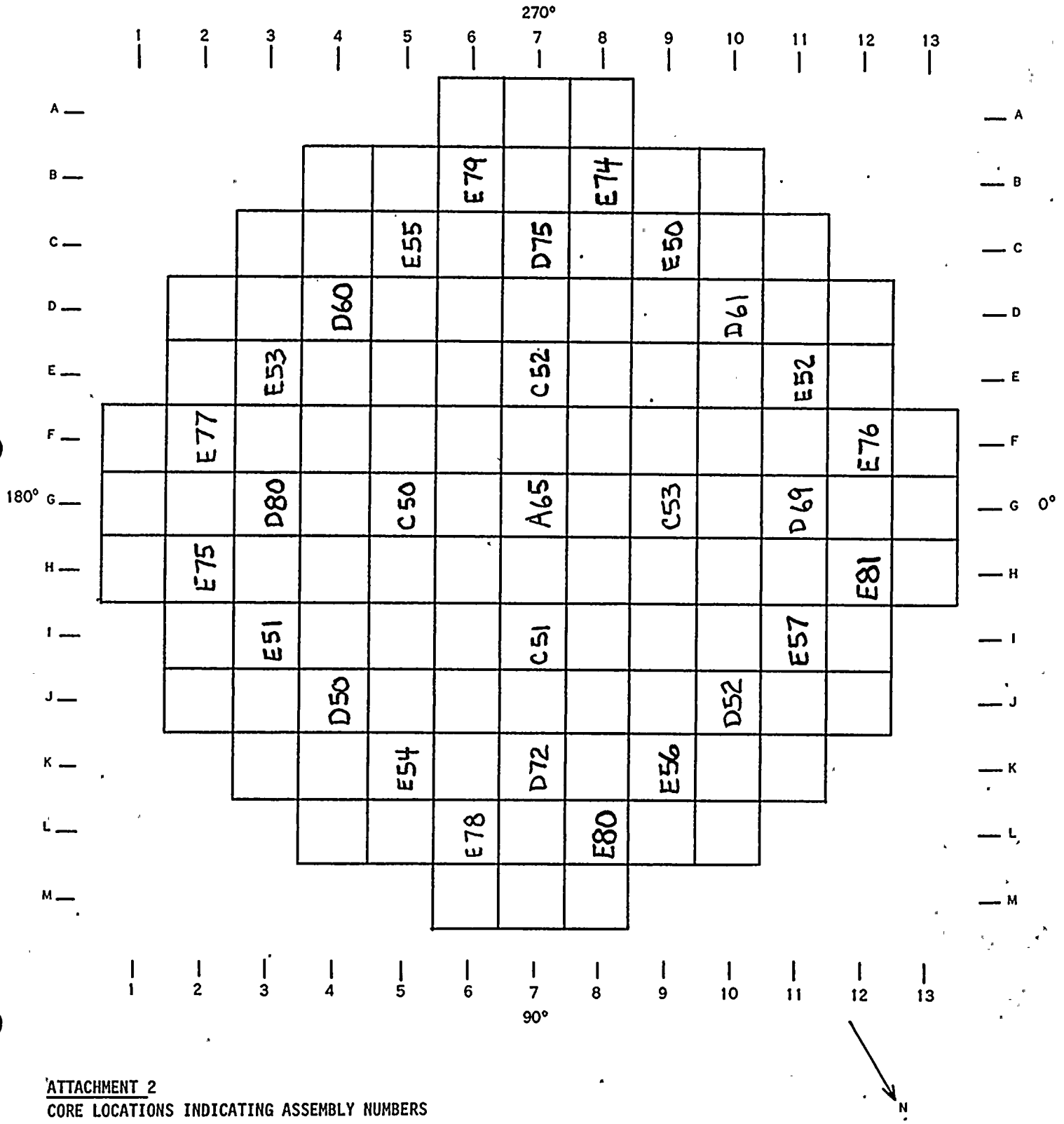
Type:	All Westinghouse OFA 14 X 14	
Materials:	Guide Tubes	Zircalloy 4
	Top and Bottom Nozzles	SST 304
	Grids	
	Top and Bottom	Inconel 718 (2) total
	Middle	Zircalloy 4 (7) total
	RCCAs	Silver-Indium-Cadmium
Dimensions:	Guide Tube I.D.	
	Above dashpot	0.492 in.
	In dashpot	0.4465 in.
	RCCAs Rodlet O.D.	0.3905 in. $\pm$ 0.001 in.

ATTACHMENT 1
FUEL TYPE

ROCHESTER GAS AND ELECTRIC CORPORATION

CORE MAP

CYCLE 25

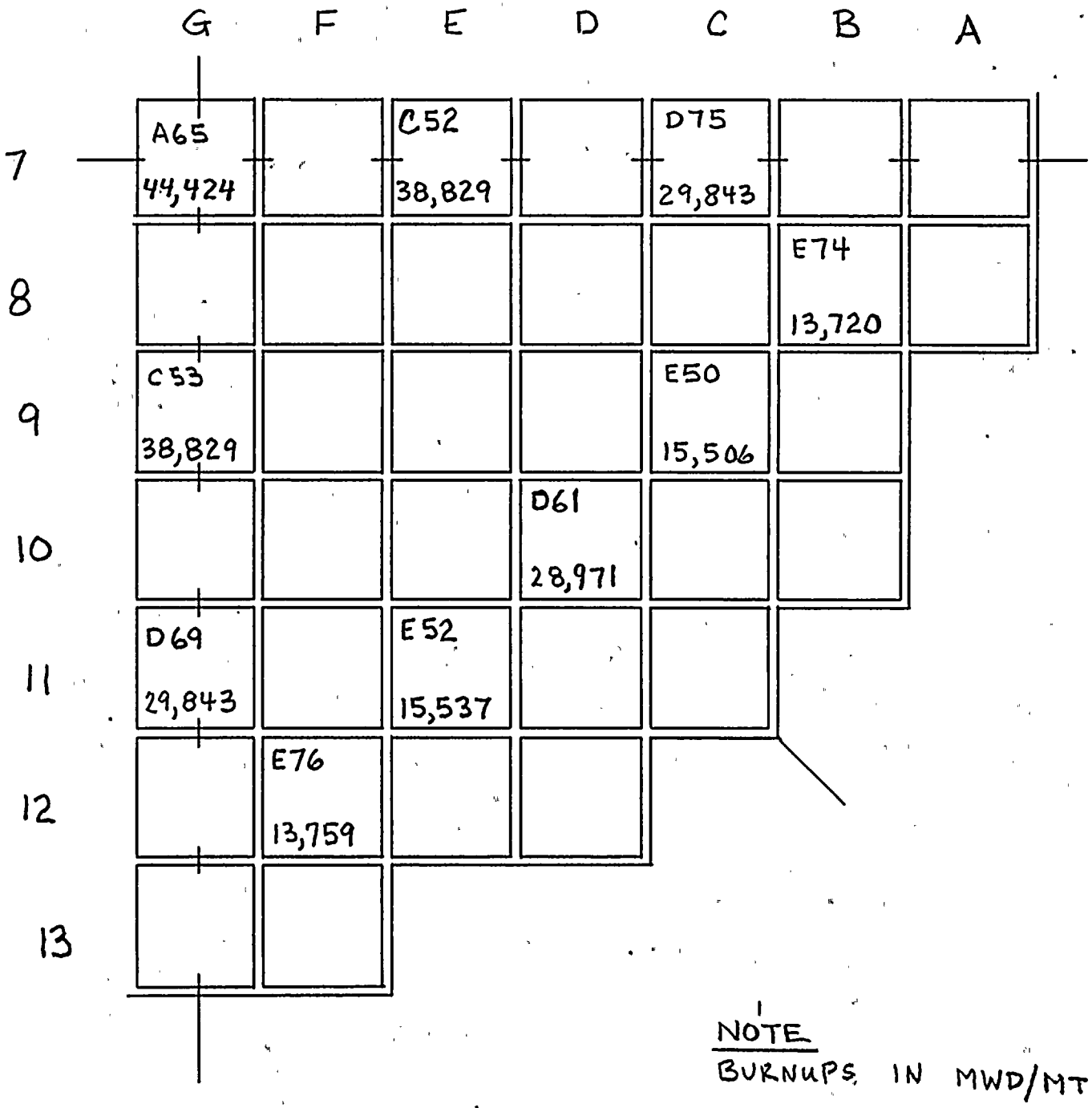


ATTACHMENT 2

CORE LOCATIONS INDICATING ASSEMBLY NUMBERS
OF RODDED ASSEMBLIES FOR REFERENCE

ROCHESTER GAS AND ELECTRIC CORPORATION

TYPICAL $\frac{1}{4}$ CORE SHOWN - CYCLE 25



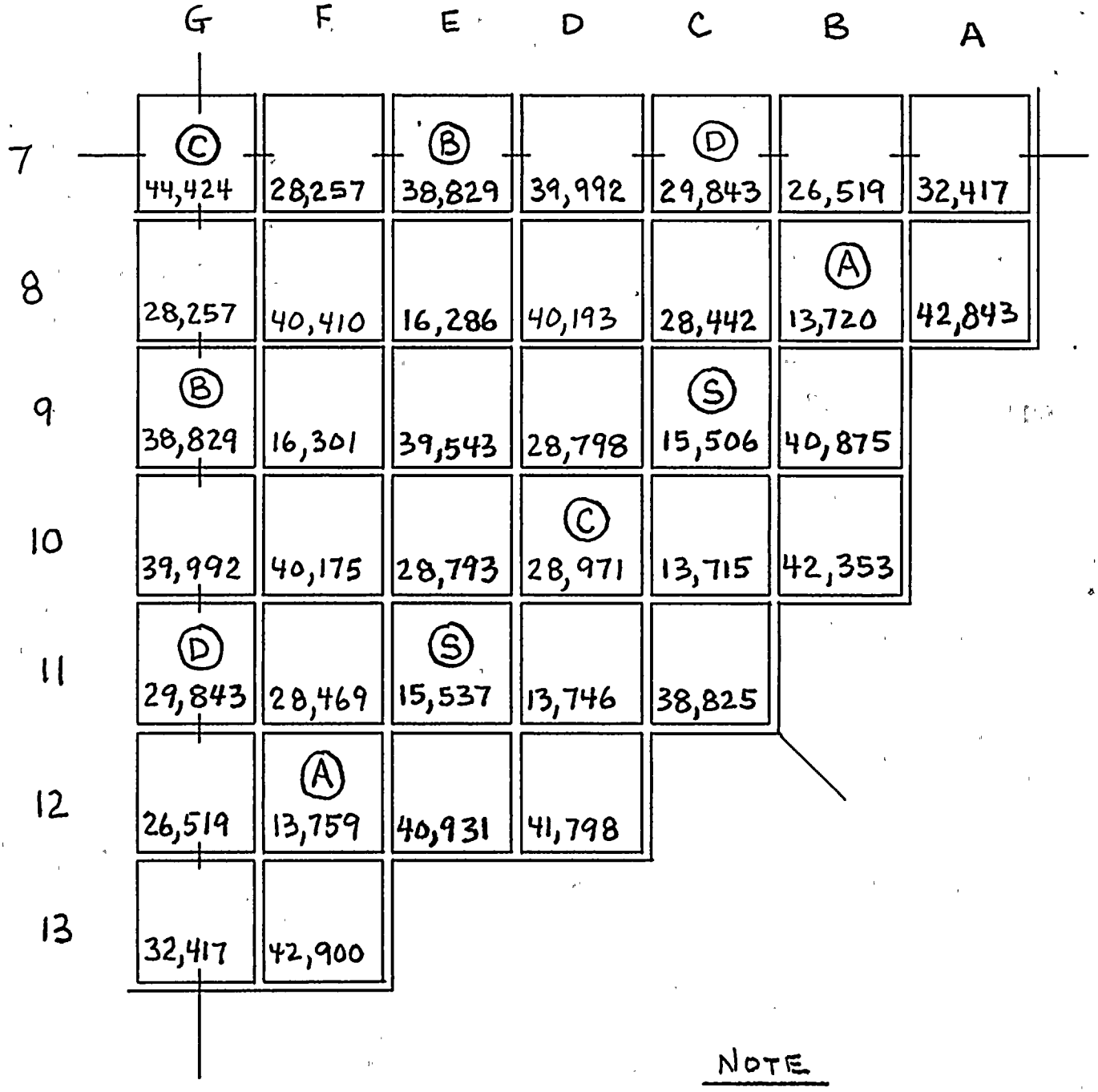
NOTE
BURNUPS IN MWD/MTU

ATTACHMENT 3
AVERAGE ASSEMBLY BURNUP DISTRIBUTION
AT EOL (11600 MWD/MTU)
RODDED LOCATIONS ONLY

ROCHESTER GAS AND ELECTRIC CORPORATION

TYPICAL $\frac{1}{4}$ CORE SHOWN

CYCLE 25

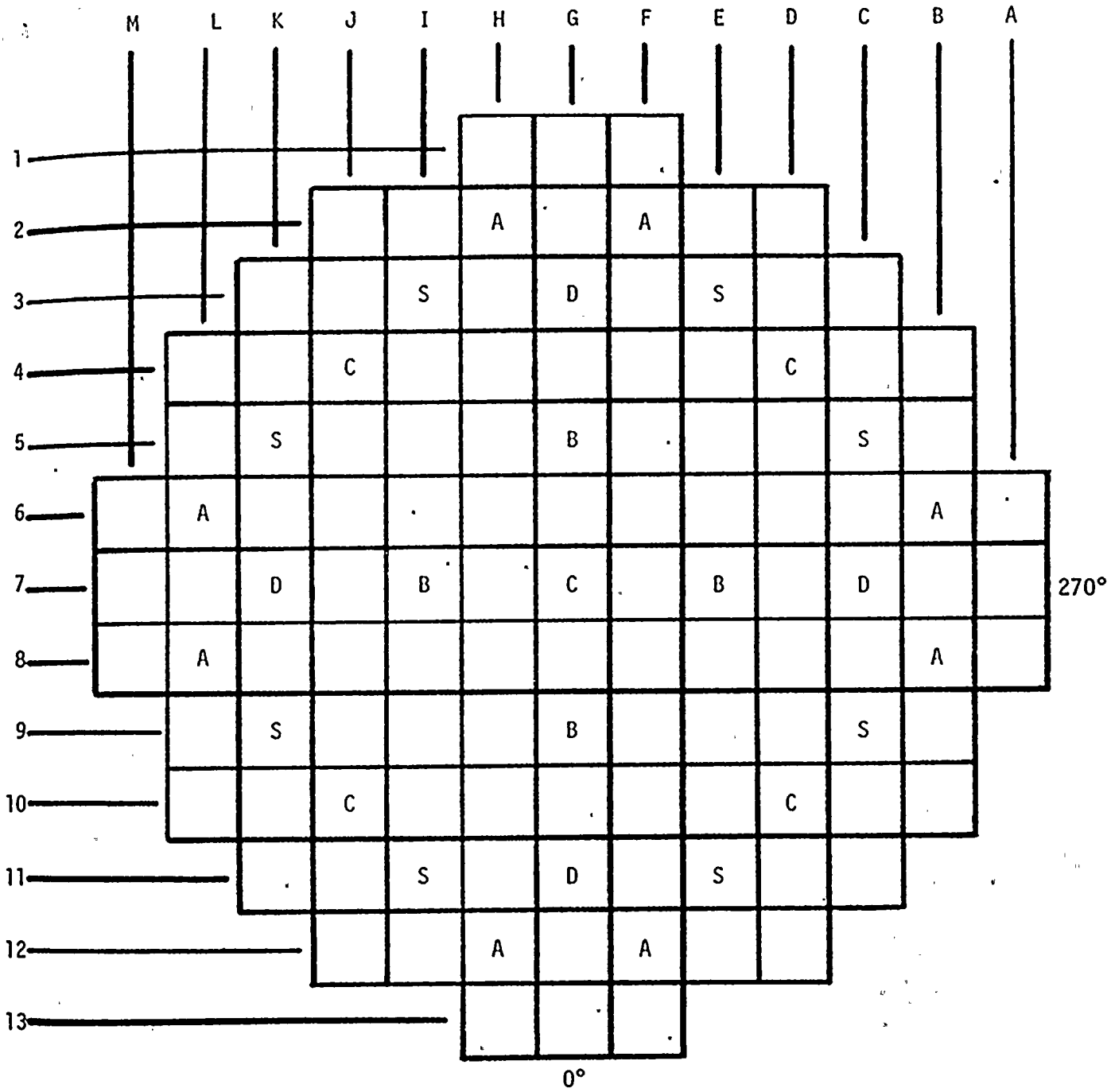


NOTE

BURNUPS IN MWD/MTU

ATTACHMENT 4

AVERAGE ASSEMBLY BURNUP DISTRIBUTION AT EOL (11600 MWD/MTU)-ALL LOCATIONS-(CONTROL ROD LOCATIONS DESIGNATED WITH BANK CIRCLED)



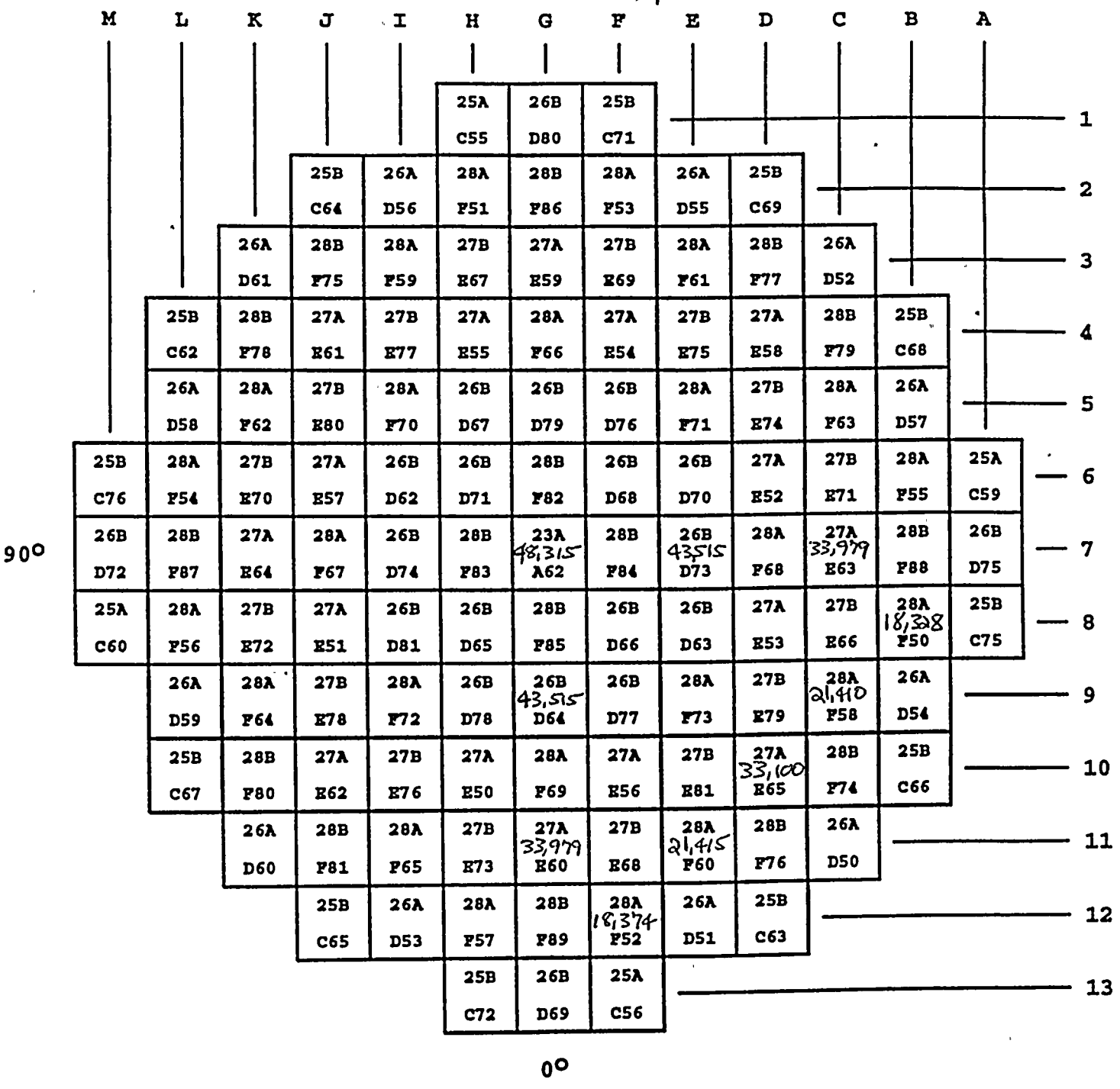
Control Rod Cluster Locations

Group A is the first withdrawn
Group B is the second withdrawn
Group C is the third withdrawn
Group D is the last withdrawn
Group S is for shutdown only

ATTACHMENT 5

Core Loading Pattern

Ginna Cycle 26 (EOL) PROJECTED BURNUP)
1/4 CORE AVERAGE VALUES



LEGEND

R ID	Region Identifier Fuel Assembly Identifier

ATTACHMENT 6
PROJECTED END OF CYCLE BURNUP FOR
CYCLE 26 AT RODDED LOCATIONS