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 ROOT,L.D. Iowa Electric Light & Power Co.  
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 IPPOLITO,T.A. Operating Reactors Branch 2

SUBJECT: Forwards revised mod proposal to reactor protection sys motor generator sets, incorporating two protective circuitry packages in series between each motor generator set & associated reactor protection sys bus. Diagram encl.

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Iowa Electric Light and Power Company

September 25, 1980  
LDR-80-263

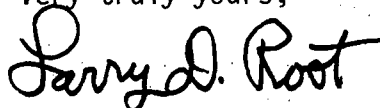
LARRY D. ROOT  
ASSISTANT VICE PRESIDENT  
OF NUCLEAR DIVISION

Mr. Thomas A. Ippolito, Chief  
Operating Reactors Branch #2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Ippolito:

As a result of our meeting with NRC staff members on August 13, 1980, we have decided to revise our proposal for modification of the Duane Arnold Energy Center RPS MG Sets. This letter and attachment supersede our proposal dated July 1, 1980. It is intended that the modification will be implemented during the 1982 refueling outage.

Very truly yours,



L.D. Root  
Assistant Vice President  
Nuclear Generation

LDR/RFS/lid

cc. R. Salmon  
D. Arnold  
L. Liu  
S. Tuthill  
K. Meyer  
D. Mineck  
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K. Eccleston (NRC)  
NRC Resident Office  
Files: A-107a, LC7813, NRCMF

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Attachment

to

LDR-80-263

Duane Arnold Energy Center

Proposed Modification to the RPS MG Sets

The modification described in Figure 1 is similar to the modification proposed by General Electric. It differs in that it deletes the existing protective circuitry which is non-class 1E. The modification incorporates two protective circuitry packages in series between each MG Set and associated RPS bus and between the alternate power source feeding the RPS panel. Each package will be environmentally and seismically qualified to meet the DAEC requirements. Each will consist of a circuit breaker, undervoltage, overvoltage, and underfrequency devices.

It is intended that the modifications will be implemented during the 1982 refueling outage.

Until this modification is made or until otherwise authorized by the NRC, surveillance of the RPS power supply will be continued as required by Mr. Thomas Ippolito's letter dated August 7, 1978.

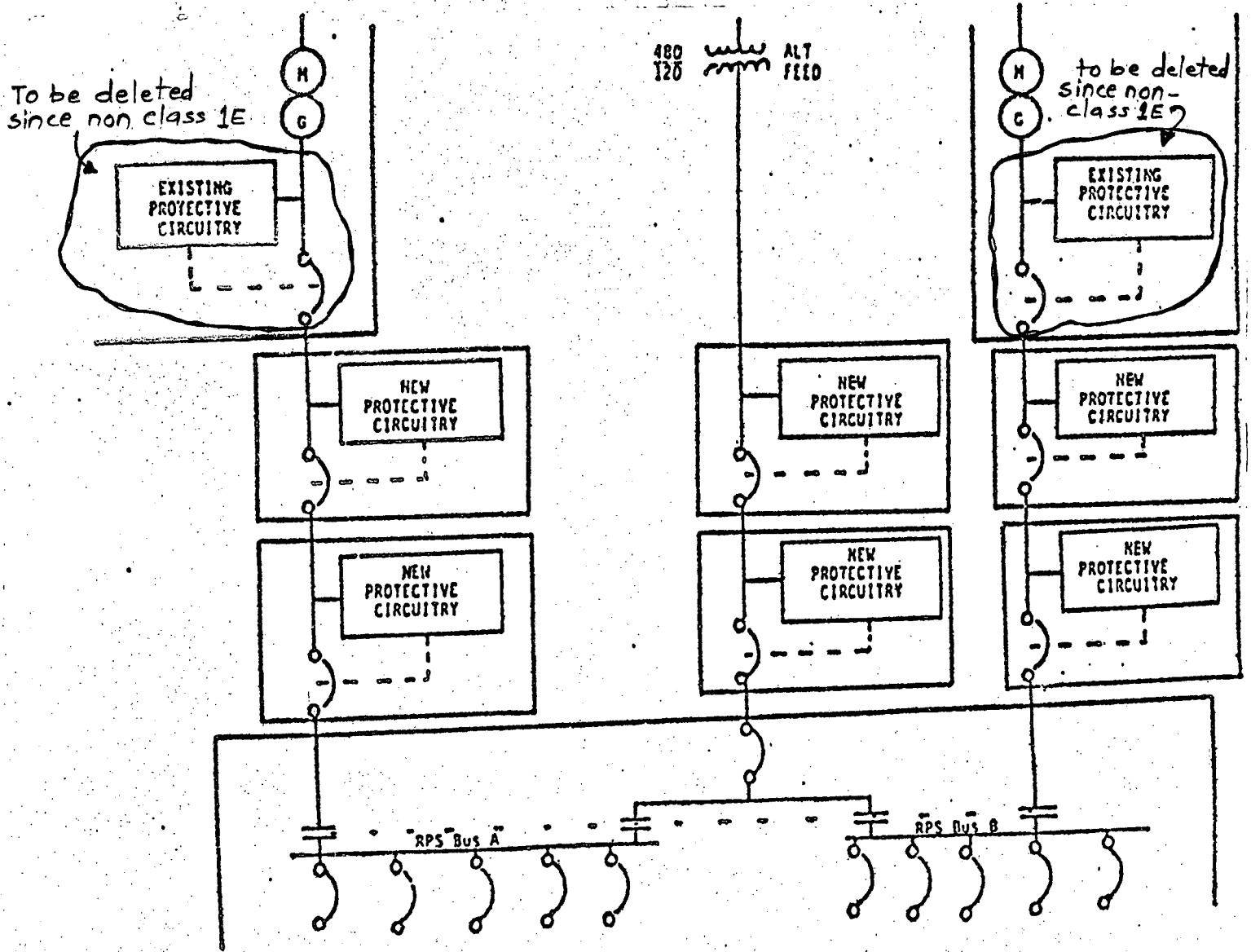


FIGURE 1 ELECTRICAL PROTECTION ASSEMBLY FOR RPS, BLOCK DIAGRAM

Note: The new protective circuitry consists of over voltage, under voltage and under frequency relays (all class 1E)