



J. Phillip Bayne
Executive Vice President
Nuclear Generation

December 13, 1983
IPN-83-99

Director of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Appendix R Fire Protection Program

Dear Sir:

This letter and its Attachment serve to supplement the Authority's letter dated May 20, 1983, IPN-83-44, regarding provision of an alternate power supply to specified safe shutdown equipment in accordance with the requirements of 10 CFR 50, Appendix R, Section III.G.

The Authority's aforementioned May 20, 1983 letter informed the NRC that the Authority was then considering three options for assuring availability of an on-site power supply for safe shutdown equipment given a hypothetical fire scenario adversely affecting selected areas of the plant. The Authority is planning to provide said power supply from existing emergency diesel generator no. 31, via new 480 volt switchgear, to motor control center 312A in the turbine building. Preliminary sketches of the proposed modification are shown in Figures A and B included in the Attachment to this letter. The Authority is proceeding towards completion of these modifications prior to startup from the next (cycle 4/5) refueling outage.

In addition, the Authority is also preceeding with design activities to assure the availability of RCS hot and cold leg temperature and source range neutron flux indication for postulated fire scenarios. The hot and cold leg temperature indications will be provided utilizing dual-element RTDs. These instrumentation modifications are also scheduled to be completed during the next refueling outage.

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Implementation of these modifications within the time frame stated is predicated upon NRC review and approval of the proposed modifications and issuance of a final Safety Evaluation Report by the NRC Staff.

The Authority has recently contracted with an outside consultant to assist the Authority's internal Appendix R Task Force in the completion of the Appendix R effort for Indian Point 3. The scope of the consultant's activities includes a review of the aforementioned proposed modifications as well as other aspects of the regulation. In the event that it is determined that a different approach is found to be technically or financially preferable, or both, and that said approach can also be implemented during the next refueling outage, the Authority will inform the NRC of its findings and submit the appropriate exemption requests pursuant to 10CFR50.12.

Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,



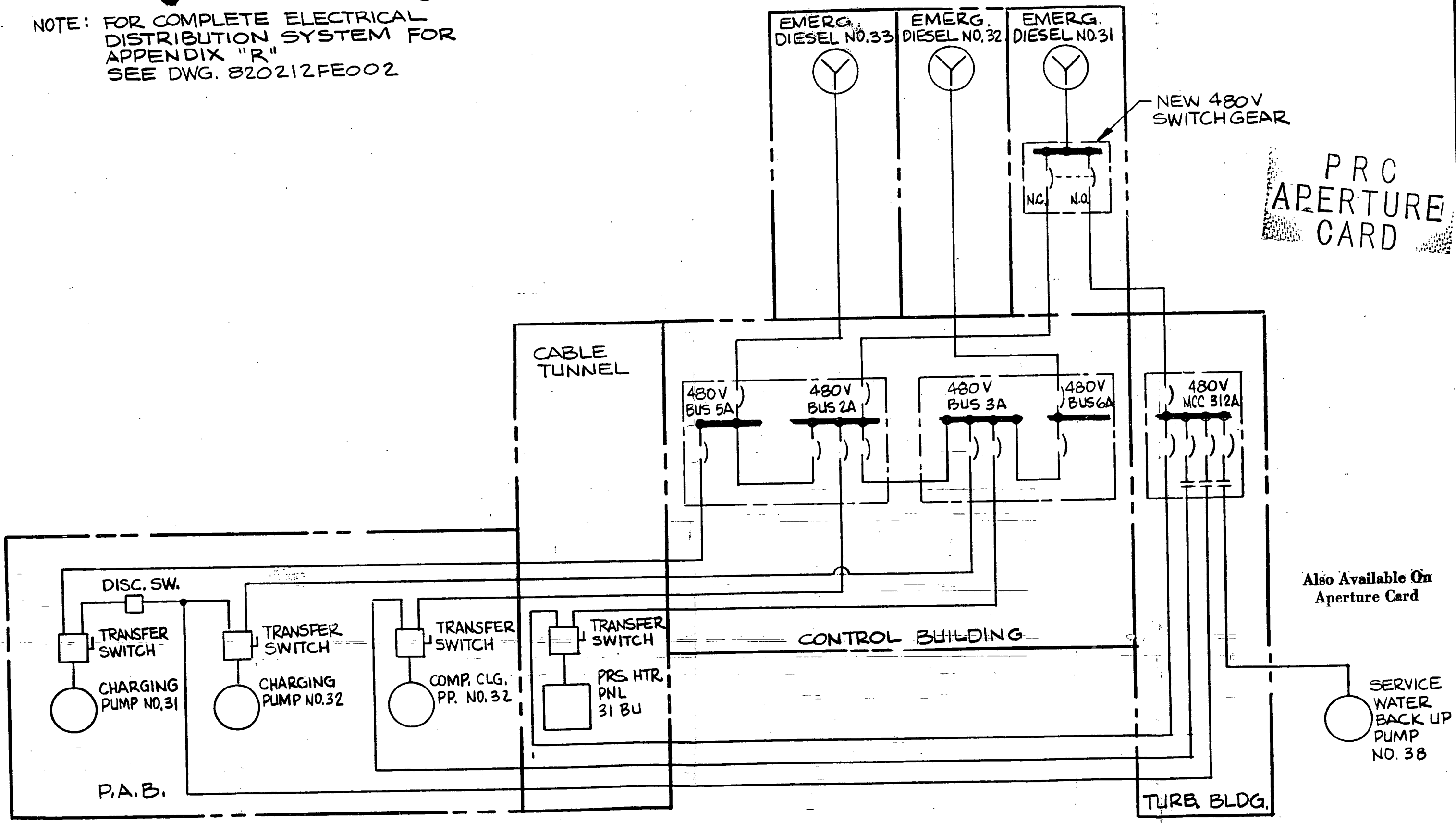
J. P. Bayne
Executive Vice President
Nuclear Generation

cc: Resident Inspector's Office
Indian Point Unit 3
U. S. Nuclear Regulatory Commission
P. O. Box 66
Buchanan, New York 10511

Attachment A to IPN-83-99

New York Power Authority
Indian Point 3
Docket No. 50-286

NOTE: FOR COMPLETE ELECTRICAL DISTRIBUTION SYSTEM FOR APPENDIX "R" SEE DWG. 820212FE002



PRC APERTURE CARD

Also Available On Aperture Card

REV	DATE	DESCRIPTION	DWN	CHK	DS	DAE	DE	DD

APPENDIX "R" MODIFICATION USING DIESEL GENERATOR NO. 31 AS POWER SOURCE

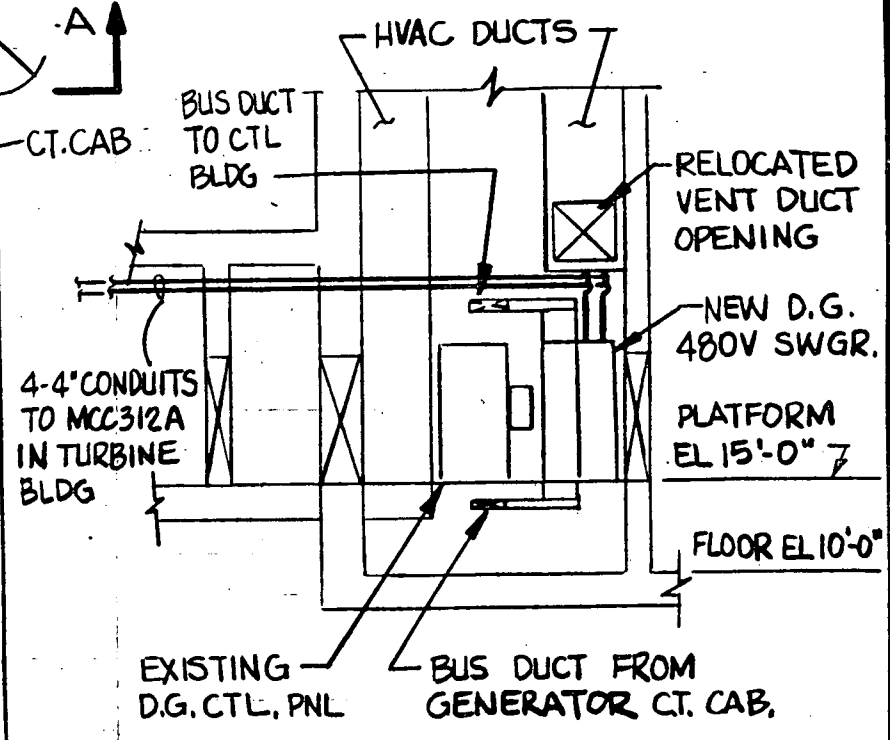
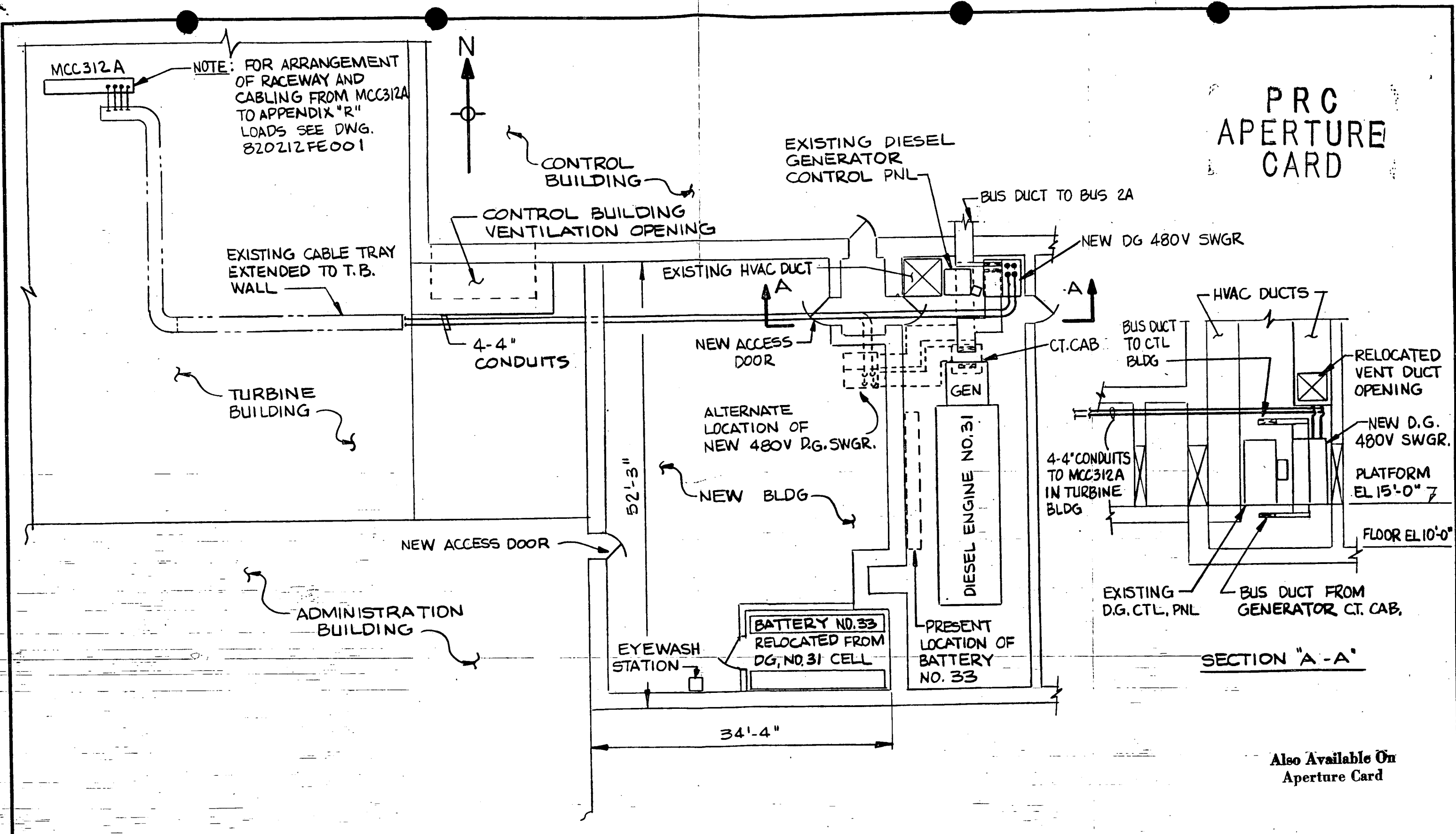


POWER AUTHORITY OF THE STATE OF NEW YORK

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PRC APERTURE CARD



Also Available On Aperture Card

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APPENDIX "R" MODIFICATION USING DIESEL GENERATOR NO.31 AS POWER SOURCE



POWER AUTHORITY OF THE STATE OF NEW YORK

ISSUE PRELIMINARY					
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FIGURE B		