

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT NO. 3 NUCLEAR POWER PLANT

P. O. BOX 215 BUCHANAN, N. Y. 10511

TELEPHONE: 914-739-8200

CENTRAL FILES

NO/2



February 28, 1980
IP-WAJ-7954

Docket No. 50-286
License No. DPR-64

Boyce H. Grier, Director
Office of Inspection and Enforcement
Region 1
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Subject: I.E. Bulletin 79-27
120 Volt AC Distribution System

Dear Mr. Grier:

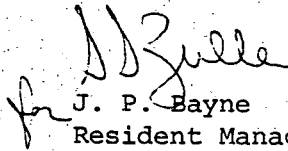
As required by I. E. Bulletin 79-27, we have initiated an extensive review of our instrument and control power distribution systems and associated emergency procedures. A review of the existing emergency procedures reveals that additional procedure guidance is required to address all the items of concern. These procedure revisions will be made within the next 60 days. A review of I.E. Circular No. 79-02 reveals that no additional action is required because the Indian Point Unit #3 inverters do not have automatic transfer capability as referenced in the Circular.

A review of the instrument and control power distribution system reveals that the design of these power supply systems at Indian Point Unit #3 is significantly different from the equipment design described in your bulletin. The major difference being that our instrument bus system is comprised of four separated instrument buses, each of which is supplied from a separate emergency bus which is backed up by the emergency diesels. In addition, 3 of the 4 instrument buses are presently fed through a battery inverter system and the fourth bus is being modified to incorporate an additional battery inverter system. This separation combined with the battery inverter power supply (for 3 out of 4) and back-up capability from the emergency diesels makes the Indian Point Unit #3 instrument and control power supply system extremely reliable and not susceptible to the type of failure described in your bulletin.

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We have, however, found that because of the nature and amount of investigation required, that we are unable to complete all the action items by the required date. We presently estimate that these items will be completed within the next 90 days.

Very truly yours,


for J. P. Bayne
Resident Manager

WAJ/jd

cc: U. S. Nuclear Regulatory Commission
Office of Inspection & Enforcement
Division of Reactor Operation Inspection
Washington, D. C. 20555