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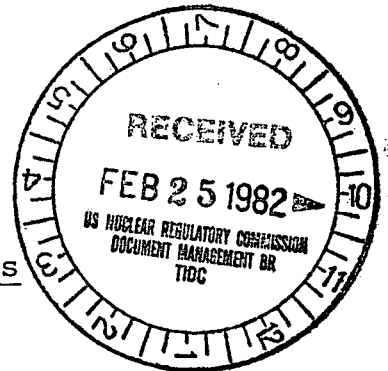
February 19, 1982
IPN-82-20

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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
Containment High Range Radiation Monitors



Dear Sir:

This letter is provided in response to your letter dated January 19, 1982.

The containment high range radiation monitors required by NUREG-0737, Item II.F.1.3 were installed and operating after the Fall 1981 outage at Indian Point 3. During the cycle 3/4 refueling outage the Authority intended to resolve the environmental qualification of the high range radiation monitors. The cables from the high range radiation monitors in containment to the penetration and the penetration cables including the splices must be environmentally qualified. The cables from the high range radiation monitors installed during the Fall 1981 outage were subsequently identified by the manufacturer as not meeting environmental qualification standards. The Authority ordered the cables and will install them during this refueling outage if they are received, inspected and determined to be environmentally qualified.

The existing penetration cables in containment are not qualified, however, the Authority had planned to encapsulate the exposed penetration cables with Poly Seal 310 to resolve the environmental concern. The Authority has not received all the test results for its review of the Poly Seal material concerning environmental qualification and installation.

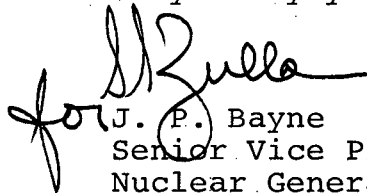
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The Authority is currently reviewing various alternatives of environmentally qualifying the penetration cables. The penetration cables are expected to fully comply with the environmental qualification criteria during the cycle 4/5 refueling outage.

Should you or your staff have any questions, please contact us.

Very truly yours,


for J. P. Bayne

Senior Vice President
Nuclear Generation

cc: Mr. W. H. Baunack, Acting Chief
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