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April 22, 1981
IPN-81-27

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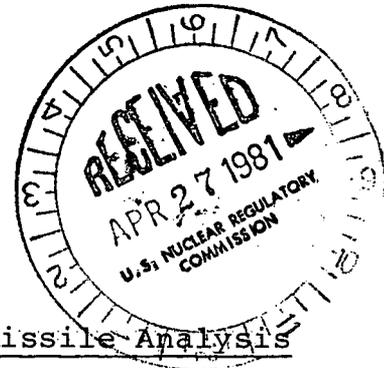
THOMAS R. FREY
SENIOR VICE PRESIDENT
& GENERAL COUNSEL

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

Auxiliary Feedwater Pump Turbine Missile Analysis



Dear Sir:

On August 11, 1980, in response to the Commission's February 11, 1980 Confirmatory Order, Item F.5 and July 15, 1980 safety evaluation of the Auxiliary Feedwater System (AFWS), the Authority notified (letter IPN-80-77, Attachment V, Part 1) the NRC staff that a missile could be generated from the AFW pump steam turbine. The Authority also stated that three options to correct the situation were being evaluated.

The Authority has completed its evaluation and has opted to install a missile shield around the circumference of the turbine. The details of the shield design and supporting documentation are presented in Attachment I.

The installation of the missile shield is scheduled for the Fall 1981 refueling outage at Indian Point Unit 3.

Very truly yours,

J. P. Bayne
Senior Vice President
Nuclear Generation

cc: attached

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