



J. Phillip Bayne  
Executive Vice President  
Nuclear Generation

January 6, 1984  
IPN-84-02

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

Attention: Darrell G. Eisenhut, Director  
Division of Licensing

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Fast Cold Starts of Diesel Generators  
(Generic Letter 83-41)

Dear Sir:

The subject generic letter requests data on the number of emergency diesel generator fast cold starts during the one year period ending December 1, 1983 and an assessment of the effects thereof on reliability and availability.

The three emergency diesel generators at Indian Point 3 each consist of an Alco model 16-251-E engine coupled to a Westinghouse 2188 kVA, 0.8 power factor, 900 rpm, 3 phase, 60 cycle, 480 volt generator. Each emergency diesel generator is equipped with water jacket and lube oil heating and pre-lube pump for circulation of lube oil when the diesel generator is not running. During each watch, a nuclear plant operator verifies on a log sheet, the following:

- 1) pre-lube pump operating
- 2) lube oil temperature within specification
- 3) jacket water heating in service
- 4) jacket water temperature within specification.

These inspections preclude the possibility of an emergency diesel generator fast cold start. There were no emergency diesel generator fast cold starts at Indian Point 3 for the one year period ending December 1, 1983.

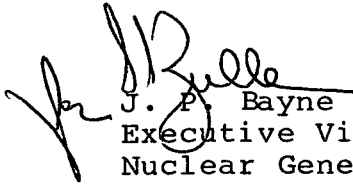
8401110069 840106  
PDR ADCK 05000286  
PDR

A056  
1/0

As there have been no fast cold starts at Indian Point 3, the Authority cannot assess the effects of frequent fast cold starts on diesel generator reliability and availability.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. P. Bayne", is written over the typed name.

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