



**J. Phillip Bayne**  
Executive Vice President  
Nuclear Generation

September 27, 1983  
IPN-83-81

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

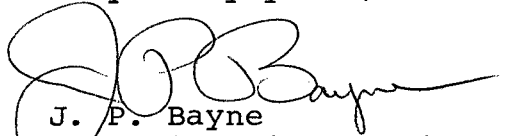
Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Indian Point 3 Systems Interaction (SI) Study  
August 17, 1983 Meeting Minutes

Dear Sir:

Attachment A to this letter provides the meeting minutes of a meeting held with members of your staff in the NRC's Bethesda office on August 17, 1983 regarding the Indian Point 3 SI Study. The meeting agenda and list of attendees are included in Attachment B to this letter.

Should you or your staff have any questions or comments 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

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Attachment A to IPN-83-81  
August 17, 1983 Meeting Minutes

There was a meeting held in the NRC's Bethesda offices on August 17, 1983 to discuss certain aspects of the SI Study at Indian Point 3. The meeting agenda and list of attendees are enclosed as Attachment B.

The following items were discussed:

1) Support to Lawrence Livermore and Brookhaven National Laboratories.

The Authority indicated that it is willing to provide as much support as possible in aiding the National Labs to conduct the planned systems interaction demonstration studies on Indian Point 3, providing such support does not infringe on the Authority's own SI Study efforts. The Authority was informed that the support requested would be limited to transmittal of information and possible assistance for site visits by the National Labs to Indian Point 3. In this regard, the NRC agreed to provide the Authority with a list of documents to be requested and to contact the National Labs to ascertain mutually agreeable site visit schedules that would not interfere with the planned start-up of Indian Point 3 in January, 1984. In addition, the NRC confirmed that the expenses incurred by the Authority in providing such support (e.g., engineer's search time, clerical time, reproduction fees, travel time/cost for site visit support, etc.) would be reimbursed.

The Authority was informed that the list of documents to be requested would be provided by September of this year. With respect to the type of information included in this list, a concern was raised about transmittal of plant operating procedures due to periodic revisions and updates to such procedures. The Authority agreed, however, to provide the NRC with a list of operating procedures so that selected procedures could be requested.

Finally, the Authority was informed that an audit walkdown of systems interactions identified by the Indian Point 3 SI Study methodology was being planned by Lawrence Livermore under contract to the NRC. The Authority agreed to support such an effort pending establishment of a schedule by the NRC.

2) NRC Notification of Potentially Adverse Interactions Identified by Indian Point 3 SI Study

There was an extensive discussion in this area regarding the mechanisms and timeframe under which potentially adverse interactions identified by the Indian Point 3 SI Study would be reported to the NRC. It was agreed that any postulated interactions that violate the Indian Point 3 operating license, or any applicable NRC rules, regulations, or orders, would be promptly reported to the NRC in accordance with the requirements of 10 CFR Part 21.

The Authority indicated that it had not yet received the draft SI Study report from EBASCO Services and that upon receipt of the draft report, an extensive review would be conducted. This review is expected to require a substantial commitment of technical and management resources by the Authority and, as such, is expected to require several months. However, in order to facilitate NRC involvement in the dispositioning of potentially adverse interactions identified during this review, it was agreed that the Authority should prioritize those interactions which EBASCO Services has classified as "open". As part of this agreement, the Authority will submit an interim evaluation report to the NRC in November of this year.

It is not known at this time what effect, if any, postulated systems interactions will have on the Indian Point Probabilistic Safety Study (IPPSS). However, in accordance with our previous commitments (see IPN-83-17 dated March 4, 1983), the Authority reiterated that both the NRC and the Atomic Safety and Licensing Board (ASLB) would be informed of any interactions identified by the Indian Point 3 SI Study which, based on our present engineering judgement, may significantly impact upon the results of the IPPSS. In this respect, further guidance was requested from the NRC since the Authority's proposed methodology was not completely accepted by the NRC staff.

As a final note, the Authority stated that it is investigating the use of probabilistic risk assessment (PRA) techniques to disposition certain "open" interactions that may lend themselves to such evaluations and that it is not currently planning to use PRA on interactions dispositioned by other methods.

3) NRC Comments on Revised Draft SI Study Methodology

The Authority was provided with general comments resulting from the NRC's review of the "draft" revision to Volume I of the Indian Point 3 SI Study which describes the SI Study methodology. These comments were placed into five general categories: changes in methodology, single failure criterion, safety-related/safety-related systems interactions, changes in documentation format, and references. While certain specific comments were briefly discussed, extended discussion of these comments was deferred due to time constraints associated with the meeting. The Authority indicated that no significant changes in the methodology were made, but rather, changes in the methodology reflected only minor changes to wording and format. It was agreed that a telecon would be initiated in early September, however, to address the NRC comments.

Attachment B to IPN-83-81

Meeting Agenda

- 1) Support to Lawrence Livermore and Brookhaven National Laboratories
- 2) NRC Notification of Potentially Adverse Interactions Identified by Indian Point 3 SI Study
- 3) NRC Comments on Revised Draft SI Study Methodology

Meeting Attendees

NRC

P. Polk  
F. Coffman  
J. Conran  
S. Varga  
R. Pederson  
E. Chelliah  
D. Lasher

NYPA

P. Kokolakis  
K. S. Sunder Raj  
N. Mathur  
Y. Kishinevsky  
P. Conroy  
J. Lamberski  
J. Schivera