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Vice President

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April 19, 1995

Re: Indian Point Unit No. 2
Docket No. 50-247

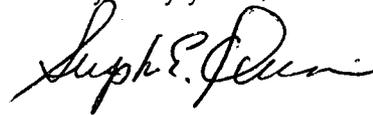
Document Control Desk
US Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

SUBJECT: Supplement to Proposed Amendment to the Indian Point
Unit 2 Technical Specification to Allow Extended RPI
Deviation Limits and On-Line Calibration of the RPI
Channels

Per your request, attached please find documentation for our
benchmarking of the NODE-P Code, FRAPCON Validation and
Verification and Rod Misalignment Analyses for the subject application.
Also given as Enclosure I is a Proprietary Affidavit.

Should you have any questions regarding this matter, please contact
Mr. Charles W. Jackson, Manager, Nuclear Safety and Licensing.

Very truly yours,



cc: Mr. Thomas T. Martin
Regional Administrator - Region I
US Nuclear Regulatory Commission
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Attachments:

- I Proprietary "Cycles 1-6 Node P Analysis Results and Documentation"
- II Proprietary "Cycle 10 Node P Analysis"
- III Proprietary "Cycles 11/12 Node P Analysis"
- IV Proprietary "Summary of Results Rod Misalignment Analyses Indian Point Unit No. 2 Fuel Cycle 11"
- V Proprietary "Summary of Results Rod Misalignment Analyses Indian Point Unit No. 2 Fuel Cycle 13"
- VI "Validation and Verification of FRAPCON2/V1MOD5"
- VII "Flow Chart - Indian Point 2 Inhouse Analysis (EPRI) Codes"
- VIII Proprietary "Preliminary Comparison of the Indian Point 2 NODE-P2 Simulator Model with the Westinghouse Advanced Nodal Code Fuel Cycle 13"
- IX Proprietary Cycle 10 Node P Versus Measurement

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ENCLOSURE 1

PROPRIETARY AFFIDAVIT