



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

July 2, 1985

Docket No. 50-213
LS05-85-07-012

Mr. John F. Opeka, Senior Vice President
Nuclear Engineering and Operations
Connecticut Yankee Atomic Power Company
Post Office Box 270
Hartford, Connecticut 06141

Dear Mr. Opeka:

SUBJECT: SAFETY EVALUATION FOR DEGRADED GRID VOLTAGE PROCEDURES

Re: HADDAM NECK PLANT

By letter dated July 9, 1982, the staff provided its safety evaluation on degraded grid protection of Class 1E power systems at the Haddam Neck Plant. In that letter, the staff requested that operating procedures be submitted which described operator actions for a degraded grid under non-LOCA conditions. By letter dated February 3, 1983, Connecticut Yankee Atomic Power Company (CYAPCO) submitted the requested procedures. By letter dated February 14, 1985, CYAPCO provided additional information concerning degraded grid voltage procedures at the Haddam Neck Plant.

Based upon our review of the licensee's submittals, the staff concludes that the licensee's procedures for degraded grid voltage protection of Class 1E power systems are acceptable. A copy of our safety evaluation is enclosed.

By letter dated October 20, 1981, CYAPCO proposed technical specification (TS) changes to reflect additional limiting conditions for operation associated with the proposed degraded grid voltage protection system. The staff safety evaluation dated July 9, 1982 concluded that the proposed TS modifications for degraded grid voltage protection were acceptable. As stated above, the staff also requested that procedures describing the required operator actions be submitted for staff review. When these procedures were submitted, the staff discovered that the TS changes proposed in the October 1981 letter were not consistent with the action levels described in the procedures package. Given that the degraded grid voltage procedures have been found acceptable, and that the proposed TS do not reflect the numerical values presented in the approved procedures, the staff requests that CYAPCO revise the TS proposed in the October 20, 1981 letter to reflect the values contained in the approved procedures. The staff requests that the revised TS for degraded grid voltage protection be submitted within 90 days of receipt of this letter.

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Mr. John F. Opeka

- 2 -

July 2, 1985

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by

John A. Zwolinski, Chief
Operating Reactors Branch
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

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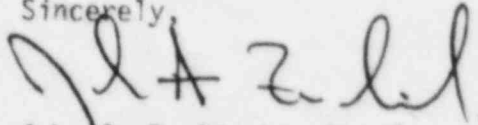
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Mr. John F. Opeka

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The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

A handwritten signature in dark ink, appearing to read 'J A Zwolinski', written in a cursive style.

John A. Zwolinski, Chief
Operating Reactors Branch,
Division of Licensing

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

Mr. John F. Opeka
Connecticut Yankee Atomic Power Company

Haddam Neck Plant

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