



October 10, 1986  
IPN-86-51

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John C. Brons  
Senior Vice President  
Nuclear Generation

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

Attention: Mr. Steven A. Varga, Director  
PWR Project Directorate No. 3  
Division of PWR Licensing-A

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Anticipated Transients Without Scram  
(ATWS) Rule (10 CFR 50.62); ATWS  
Mitigating Systems Actuation Circuitry  
(AMSAC) Implementation Schedule

- References:
1. NYPA letter (J. C. Brons) to NRC (H. R. Denton), dated October 11, 1985, regarding "Compliance to the ATWS Rule."
  2. NRC letter (J.D. Neighbors) to NYPA (J.C. Brons), dated September 18, 1986, enclosing the Safety Evaluation (SE) of the Westinghouse Owners Group (WOG) Topical Report WCAP-10858 "AMSAC Generic Design Package."

Dear Mr. Varga:

In Reference 1 the Authority committed to submit, within three (3) months of the issuance of the NRC Safety Evaluation (SE) of WCAP-10858, the final AMSAC design selected for Indian Point 3 (IP-3) and the associated implementation schedule. Reference 2 requested schedular information concerning AMSAC implementation.

The NRC AMSAC SE concluded that all three (3) generic design logics described in WCAP-10858 were acceptable. The SE also identified fourteen (14) items to be addressed by individual licensees, in order to enable the NRC staff to perform a pre-implementation review.

The final AMSAC system selected for IP-3 is based on the generic Logic 2 option (Main Feedwater Low Flow Actuation) as described in WCAP-10858. This system is planned to be installed during the Cycle 6/7 Refueling Outage which is currently scheduled for late 1988. The required plant specific design features information will be submitted by November 26, 1986.

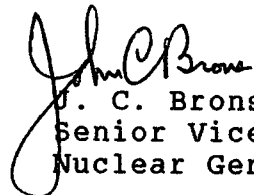
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The AMSAC implementation schedule was developed consistent with the provisions of 10 CFR 50.62 (d). The schedule for implementation exceeds the second refueling outage after July 26, 1984. The final design for IP-3 could not have been selected until after the NRC had completed its evaluation of the WOG generic proposal. The NRC issued the AMSAC SE (Reference 2) on July 7, 1986. Following the NRC approval of the plant specific design feature, to be submitted in November 1986, four (4) months will be necessary for completion of engineering activities required to initiate procurement. In addition, twelve (12) to fourteen (14) months are required for hardware procurement. Accordingly, the AMSAC system will be installed during the first scheduled refueling outage (Cycle 6/7) following this approximately eighteen (18) month period.

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

Very truly yours,

  
J. C. Brons  
Senior Vice President  
Nuclear Generation

cc: Resident Inspector's Office  
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