



Westinghouse
Electric Corporation

Energy Systems

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ET-NRC-92-3751
NSRA-APSL-92-0192
Docket No. STN 52-003

September 21, 1992

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: Dr. Thomas Murley

SUBJECT: LIST OF AP600 SYSTEM ITAAC

Dear Dr. Murley:

Attached is the list of AP600 systems for which Westinghouse will be providing an ITAAC. This list is being sent in response to our commitment of September 4, 1992. This list of systems was developed by screening the total list of AP600 systems to determine which systems were safety-related or defense-in-depth. Seven of these systems ITAAC were transmitted to the NRC on September 4, 1992. The remaining 27 system ITAAC will be sent on October 23, 1992. The three pilot ITAAC submitted on June 26, 1992 are being revised and will be included in the October 27, 1992 submittal.

We are in the process of determining what structure and other ITAAC are to be included in the final submittal on December 15, 1992.

Please contact Brian A. McIntyre on (412) 374-4334 or Diane Antolovich on (412) 374-4215 if you have any questions concerning this transmittal.

N. J. Liparulo, Manager
Nuclear Safety And Regulatory Activities

/nja

Attachment

cc: B. A. McIntyre
R. Hasselberg

Westinghouse
USNRC

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AP600 SYSTEM ITAAC

REACTOR

- Fuel Handling and Refueling System
- Reactor Coolant System
- Reactor System

NUCLEAR SAFETY SYSTEMS

- * Containment System
- Passive Containment Cooling System
- * Passive Core Cooling System
- * Steam Generator System
- Main Control Room Habitability System

AUXILIARY SYSTEMS

- Component Cooling Water System
- Chemical and Volume Control System
- Standby Diesel and Auxiliary Boiler Fuel Oil System
- Fire Protection System
- Mechanical Handling System
- Primary Sampling System
- Normal Residual Heat Removal System
- Spent Fuel Pit Cooling System
- * Service Water System
- Containment Hydrogen Control System

STEAM AND POWER CONVERSION SYSTEMS

- Main and Startup Feedwater System
- Main Steam System

INSTRUMENTATION AND CONTROL

- Data Display and Processing System
- Incore Instrumentation System
- Operation and Control Centers
- Plant Control System
- Diverse Actuation System
- * Protection and Safety Monitoring System
- Radiation Monitoring System

ELECTRICAL POWER

- Main AC Power System
- Non Class 1E DC and UPS System
- Plant Lighting System
- * Class 1E DC and UPS System
- * Onsite Standby Power System

HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS

- Nuclear Island Nonradioactive Ventilation System
- Central Chilled Water System
- Diesel Generator Building Ventilation System

* September 4, 1992 submittal.