

Attachment 3 to AEP:NRC:0914C

Proposed Technical Specification
Associated with the Spray
Additive System

B603100423 B60228
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CONTAINMENT SYSTEMS

SPRAY ADDITIVE SYSTEM

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CONTAINMENT SYSTEMS

BASES

3/4.6.2 DEPRESSURIZATION AND COOLING SYSTEMS

3/4.6.2.1 CONTAINMENT SPRAY SYSTEM

The OPERABILITY of the containment spray system ensures that containment depressurization and cooling capability will be available in the event of a LOCA. The pressure reduction and resultant lower containment leakage rate are consistent with the assumptions used in the accident analyses.

3/4.6.2.2 SPRAY ADDITIVE SYSTEM

The Technical Specification for the spray additive system has been deleted. The system was originally incorporated into the design to enhance removal of iodine and lower the amount of radioactive material released to the environment following a postulated loss-of-coolant accident. In 1985, Westinghouse performed an evaluation which demonstrated that acceptable offsite doses could be assured without this system.

3/4.6.3 CONTAINMENT ISOLATION VALVES

The OPERABILITY of the containment isolation valves ensures that the containment atmosphere will be isolated from the outside environment in the event of a release of radioactive material to the containment atmosphere or pressurization of the containment. Containment isolation within the time limits specified ensures that the release of radioactive material to the environment will be consistent with the assumptions used in the analyses for a LOCA.

3/4.6.4 COMBUSTIBLE GAS CONTROL

The OPERABILITY of the equipment and systems required for the detection and control of hydrogen gas ensures that this equipment will be available to maintain the hydrogen concentration within containment below its flammable limit during post-LOCA conditions. Either recombiner unit is capable of controlling the expected hydrogen generation associated with 1) zirconium-water reactions, 2) radiolytic decomposition of water and 3) corrosion of metals within containment.

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Attachment 4 to AEP:NRC:0914C

Request for Withholding Proprietary
Information Associated with the Spray
Additive System Safety Evaluation