CONTAINMENT SYSTEMS

3/4.6.6 SECONDARY CONTAINMENT

SHIELD BUILDING VENTILATION SYSTEM (SBVS)

LIMITING CONDITION FOR OPERATION

REPLACE WITH
INSERT-A
SHOWN ON NEXT PAGE

3.6.6.1 Two independent Shield Building Ventilation Systems shall be OPERABLE.

~~APPLICABILITY: MODES 1, 2, 3, 4, 5, and 6 with operations involving movement of irradiated fuel within the spent fuel storage pool or crane operations with loads over the spent fuel storage pool with irradiated fuel in the spent fuel storage pool.~~

~~ACTION:~~

~~MODES 1, 2, 3, and 4:~~

~~With one SBVS inoperable, restore the inoperable system to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.~~

~~ACTION:~~

~~MODES 5 and 6:~~

~~With one SBVS inoperable, restore the inoperable system to OPERABLE status within the next 7 days or suspend fuel movement within the spent fuel storage pool and crane operations over the spent fuel storage pool.~~

SURVEILLANCE REQUIREMENTS

4.6.6.1 Each Shield Building Ventilation System shall be demonstrated OPERABLE:

a. At least once per 31 days on a STAGGERED TEST BASIS by initiating, from the control room, flow through the HEPA filters and charcoal adsorbers and verifying that the system operates for at least 10 hours with the heaters on.

b. At least once per 18 months or (1) after any structural maintenance on the HEPA filter or charcoal adsorber housings, or (2) following painting, fire, or chemical release in any ventilation zone communicating with the system by:

   1. Performing a visual examination of SBVS in accordance with ANSI N-510-1980.

Amendment No.

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St. Lucie Unit 2
Docket No. 50-389
Proposed License Amendment
Shield Building Ventilation System

INSERT - A

APPLICABILITY: At all times in MODES 1, 2, 3, and 4.
During movement of irradiated fuel assemblies or during crane operations with loads over irradiated fuel assemblies in the Spent Fuel Storage Pool in MODES 1, 2, 3, 4, 5, and 6.

ACTION:

a. With the SBVS inoperable solely due to loss of the SBVS capability to provide design basis filtered air evacuation from the Spent Fuel Pool area, only ACTION-c is required. If the SBVS is inoperable for any other reason, concurrently implement ACTION-b and ACTION-c.

b. (1) With one SBVS inoperable in MODE 1, 2, 3, or 4, restore the inoperable system to OPERABLE status within 7 days; otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

(2) With both SBVS inoperable in MODE 1, 2, 3, or 4, immediately enter LCO 3.0.3.

c. (1) With one SBVS inoperable in any MODE, restore the inoperable system to OPERABLE status within 7 days; otherwise, suspend movement of irradiated fuel assemblies within the Spent Fuel Storage Pool and crane operations with loads over irradiated fuel in the Spent Fuel Storage Pool.

(2) With both SBVS inoperable in any MODE, immediately suspend movement of irradiated fuel assemblies within the Spent Fuel Storage Pool and crane operations with loads over irradiated fuel in the Spent Fuel Storage Pool.