

### 3.13 SECONDARY COOLANT SYSTEM ACTIVITY

#### Applicability

Applies to the limiting conditions for operation when reactor coolant system pressure is greater than 300 psig or  $T_{avg}$  is greater than 200°F.

#### Objective

To limit the inventory of activity in the secondary system.

#### Specification

- 3.13.1 The specific activity of the secondary coolant system shall be  $\leq 0.10 \mu\text{Ci/gram DOSE EQUIVALENT I-131}$ .
- 3.13.2 With the specific activity of the secondary coolant system  $> 0.10 \mu\text{Ci/gram DOSE EQUIVALENT I-131}$ , be in at least HOT STANDBY within 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### Bases

The limitations on secondary system specific activity ensure that the resultant off-site radiation dose will be limited to a small fraction of 10 CFR Part 100 limits in the event of a steam line rupture. This dose includes the effects of a coincident 1.0 GPM primary-to-secondary tube leak in the steam generator of the affected steam line.

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PDR ADOCK 05000289  
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Amendment No.

TABLE 4.1-3 Cont'd.

	<u>Item</u>	<u>Check</u>	<u>Frequency</u>
4.	Spent Fuel Pool Water Sample	Boron concentration	Monthly and after each makeup
5.	Secondary Coolant System Activity	Isotopic analysis for DOSE EQUIVALENT I-131 concentration	At least once per 72 hours when reactor coolant system pressure is greater than 300 psig or Tav is greater than 200°F
6.	Boric Acid Mix Tank or Reclaimed Boric Acid Tank	Boron concentration	Twice weekly***
7.	Deleted		
8.	Deleted		
9.	Deleted		
10.	Sodium Hydroxide Tank	Concentration	Quarterly and after each makeup
11.	Deleted		
12.	Deleted		

# Until the specific activity of the primary coolant system is restored within its limits.

\* Sample to be taken after a minimum of 2 EFPD and 20 days of POWER OPERATION have elapsed since the reactor was last subcritical for 48 hours or longer.

\*\* Deleted.

\*\*\* The surveillance of either the Boric Acid Mix Tank or the Reclaimed Boric Acid Tank is not necessary when that respective tank is empty.