

EMERGENCY CORE COOLING SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

- h. By performing a flow balance test, during shutdown, following completion of modifications to the ECCS subsystems that alter the subsystem flow characteristics and verifying that:
- 1) For centrifugal charging pump lines, with a single pump running:
 - a) The sum of the injection line flow rates, excluding the highest flow rate, is greater than or equal to 346 330 gpm, and
 - b) The total pump flow rate is less than or equal to 556 gpm
 - 2) For Safety Injection pump lines, with a single pump running:
 - a) The sum of the injection line flow rates, excluding the highest flow rate, is greater than or equal to 459 450 gpm, and
 - b) The total pump flow rate is less than or equal to 665 670 gpm
- i. By performing a flow test, during shutdown, following completion of modifications to the RHR subsystems that alter the subsystem flow characteristics and verifying that the RHR pump lines, with a single pump running:
- 1) The sum of the injection line flow rates is greater than, or equal to 3800 gpm, and
 - 2) The total pump flow rate is less than or equal to 5500 gpm