

- their integrity. In addition, measurement of the pressure drop across the moisture separators and HEPA filters shall be performed at each refueling. Any significant difference in appearance or pressure drop from initial conditions shall be corrected. The acceptance criterion is that the pressure drop across the moisture separator and HEPA filters does not exceed 5.0 inches of water at design flow.
2. The iodine removal efficiency of at least one charcoal filter charcoal coupon from each unit shall be measured every six months for the first two years and every refueling thereafter. The charcoal in the coupons shall be from the same batch as that contained in their respective units. The efficiency shall be measured under minimum test conditions of 25°C ambient pressure, 70% relative humidity and design basis accident iodine concentration and flow. An ignition temperature test shall be performed at the same time. The acceptance criterion for filter efficiency is 50% for removal of methyl iodine and for ignition test that ignition does not occur at 300°C. If the acceptance criteria are not met, an additional coupon from the unit that failed the tests shall be tested. If the second coupon fails to meet the criteria the charcoal contained in that unit shall be replaced.
 3. The charcoal filter isolation valves shall be tested at intervals not greater than once every refueling to verify operability.
 4. The HEPA filter banks shall be tested with locally generated DOP* at each refueling shutdown and indications of abnormal leakage corrected. The acceptance criterion is that the value of the efficiencies measured during the test shall be at least 99%.

*Diocetylphthalate particles test

8111090629 731204
PDR ADDOCK 05000247
P PDR

4.5-4

Change No. 5