

Fine Mesh Screens

The Brunswick Steam Electric Plant Unit 2 operated with two fine-mesh screened pumps and one coarse mesh screened pump from February 8 to February 10. The NPDES permit requires the operation of three fine mesh screened circulating water pumps when three or more circulating water pumps are in service.

The problem began at 1800 on February 8 when operations personnel attempted to start the 2C fine mesh screened pump which had been out of service for preventative maintenance (see below). The pump failed to start on numerous attempts. The cause was found to be a broken 4150 volt circuit breaker. A breaker was transferred from Unit 1 (which was in outage) to the Unit 2C pump. The 2C pump was restarted at 1308, February 10, and the 2A pump with coarse mesh screens was shut down.