

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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LER ATTACHMENT - RO # 2-81-24

Facility: BSEP Unit No. 2

Event Date: April 29, 1981

This event occurred due to a personnel error when a handwritten list of power supply circuit breaker numbers, identifying specific circuit breakers to be opened during the performance of a plant surveillance PT, was misread and the power supply circuit breaker to main steam line leak detection actuation relay TR-3B was mistakenly opened. As a result, the initiation of a B RPS logic one-half Group 1 isolation signal occurred. PT 24.1 requires the opening of the power supply breaker to B and D RHR pumps' seal cooler outlet valves, 2-SW-V125 and V126. This breaker, circuit number 21, is located in the same power distribution panel as the TR-3B relay power supply circuit breaker, circuit number 27. Because the PT did not include a list of power supplies requiring manipulation, a handwritten list of the circuit numbers was composed by the senior control operator and given to a control operator, who, in turn, recopied the list and gave it to a second operator, whose job was to open the listed circuit breakers. In reading the handwritten list, the first operator mistakenly believed the 1 digit of the circuit number 21 was a 7 and thus wrote the circuit as number 27. As a result of opening circuit number 27, a B RPS logic one-half Group 1 isolation signal occurred due to the de-energization of the TR-3B relay. Following the discovery of this mistake, circuit number 27 was immediately closed and the isolation signal was reset.

In order to prevent any future similar occurrences, the personnel involved were counseled to ensure their awareness of the importance of understanding handwritten information prior to performing any operation that could adversely affect the safety and/or operation of the plant. In addition, all Operations personnel will review this LER to ensure their awareness of this concern. A review of all plant PTs will be made to assure that any power supplies requiring manipulation are properly identified and listed.