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SDP Exercise #1

Issue Description

On February 14, 2003, the licensee transferred Electrical Bus 3AB to an alternate power supply. The electrical bus transfer resulted in the loss of one of the two available generator seal oil air side seal oil pumps. During the bus transfer, a turbine trip (and associated reactor trip) occurred due to low generator seal oil differential pressure. The licensee's investigation revealed that the seal oil backup differential pressure regulating valve had operated slowly and was set at an inappropriate pressure that ultimately resulted in the turbine trip. Vendor recommendations consisted of setting the pressure regulator to a setpoint of 8 psid. The setpoint for the regulator was found to be set at approximately 3 psid, which was below the turbine trip setpoint. The licensee also noted that the vendor recommended monthly cycling of the backup differential pressure regulator to verify its proper operation was never implemented nor contained in a maintenance instruction. (Note: No fire hazard is associated with this issue.)

- Using IMC-0612, determine if the SDP should be used to evaluate this issue.
- Using IMC-0609 and the site specific pre-solved table, determine the color of the finding - if applicable.

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