Project 2007-17 Protection System Maintenance & Testing

New Definition for Approval:

Protection System Maintenance Program (PSMP) — An ongoing program by which Protection System components are kept in working order and proper operation of malfunctioning components is restored. A maintenance program for a specific component includes one or more of the following activities:

- Verify — Determine that the component is functioning correctly.

- Monitor — Observe the routine in-service operation of the component.

- Test — Apply signals to a component to observe functional performance or output behavior, or to diagnose problems.

- Inspect — Detect visible signs of component failure, reduced performance and degradation.

- Calibrate — Adjust the operating threshold or measurement accuracy of a measuring element to meet the intended performance requirement.

- Upkeep — Perform routine activities necessary to assure that the component remains in good working order and implementation of any manufacturer's hardware and software service advisories which are relevant to the application of the device.

- Restore — Return malfunctioning components to proper operation.