

WORKSHOP #1, Inspection Activity and Attribute Selection

Background

The requirements of ROP Inspection Procedure (IP) 71111.22, Surveillance Testing, must be satisfied at Breomo Bluff Unit #1 this quarter.

- Breomo Bluff Unit #1 is a four-loop Westinghouse PWR licensed in 1987.
- Breomo Bluff Unit #2 is coal fired and located adjacent to Unit #1.
- The licensee owns no other nuclear facilities.
- BB Unit #1 has a dry atmospheric containment and uses fresh water from a man-made lake as the circulating water supply and ultimate heat sink.
- BB Unit #1 is scheduled to be taken offline for a scheduled 30-day refueling outage this quarter.

A list showing some of the licensee's performance tests (PTs) and periodic calibrations (PCs) is provided. A copy of IP 71111.22 can be found on the NRC website.

The PT/PC list represents the licensee's best estimate of the surveillance activities that will occur during the inspection period. Furthermore, inspection records indicate that none of the listed PTs and PCs have been inspected during the past year and no surveillance testing activities have been inspected during the quarter/year (i.e., it is January).

Your TEAM assignment

Using IP 71111.22, the listed PTs and PCs, and the knowledge and experience of your team members, complete the following:

- Select the activities necessary to meet the IP's objective and sample requirements for the quarter. Also factor any annual or special sample requirements into your sample selection.
- Pick one activity from your list and identify attributes that could be used as a basis for inspection.
- Prepare a presentation of your results and be ready to discuss the technical logic of your selections as directed by the instructor.

Workshop #1
Periodic Test and Calibration Listing

Number	Title	Group
PT-28A	Emergency Lighting Performance	Electrical
PT-35A-1	Station Battery Cell to Cell Resistance Measurement	Electrical
PT-3R-5	4kv Circuit Breaker Over-Current Test	Electrical
PT-9A	Station Battery Inspection	Electrical
PC-25R	Main Steam Line Radiation Monitor Calibration	HP/I&C
PC-2V	Process Radiation Monitor Calibration	HP/I&C
PC-1R	RCS Wide Range Temperature RTD Calibration	I&C
PC-21R-1A	Containment Sump Level Calibration	I&C
PC-32R	Main Feedwater Flow Calibration	I&C
PC-49R	Core Exit Thermocouple Calibration	I&C
PC-6R	Rod Position Indication Calibration	I&C/Ops
PT-38Q-1	Refueling Water Storage Tank Level Logic	I&C
PT-54Q-2	Pressurizer Level Protection Logic	I&C
PT-57V-3	Auxiliary Feedwater Actuation Logic	I&C
PT-6R-4	Main Steam Safety Valve Set point Determination	Mechanical
PT-7R-2A	Motor Driven Auxiliary Feedwater Pump Performance	Mech/Elec
PT-1D	Fuel Oil Storage Tank Inspection	Mechanical
PT-2R-3	Aux Bldg Charcoal Filter Deluge System Performance	Operations
PT-12R	RHR System Relief Valve Inspection and Test	Ops/Mech
PT-35Q	Containment Spray Pump Capacity Check	Operations
PT-43V-1	Instrument Air System Capacity Determination	Operations
PT-Y3	Containment Spray Nozzle Inspection	Operations
PT-21M-6	Emergency Diesel Generator Performance	Ops/Elec/Mech
PC-21E	Spent Fuel Pool Level and Temperature Calibration	Ops/I&C
PC-3R	Pressure Level Protection Instrument Calibration	Ops/I&C
PT-9R	Containment Purge Isolation Valve Leakage Determination	Ops/I&C