



Retrospective Analysis

Workshop 6

Learning Objectives

- Practice with retrospective analysis of events
- Practice with retrospective analysis of conditions

Important:

- a) The workshop problems can be performed as group exercises.
- b) The purpose is to exercise the modeling thought process, not to get the “right answer.”

Problem #1

A severe overnight storm damages power lines feeding the Fenwick 1 NPP switchyard and causes a loss of offsite power.

Describe how you would determine the CCDP for this event.

Problem #2

During a 24-hour endurance test of the Fenwick 1 EDG, the EDG tripped due an overheated bearing. Subsequent investigation revealed this was due to an error during maintenance performed 6 months ago. (The lubricating oil was not refilled to the appropriate level.)

Describe how you would determine the Δ CDP associated with this revealed condition.