

# Control Element Assembly Calculators (CEAC)

## Chapter 12.2



# Objectives

1. State the purpose of the control element assembly calculators (CEACs).
2. Explain why the CEACs are included in the reactor protection system (RPS) design.

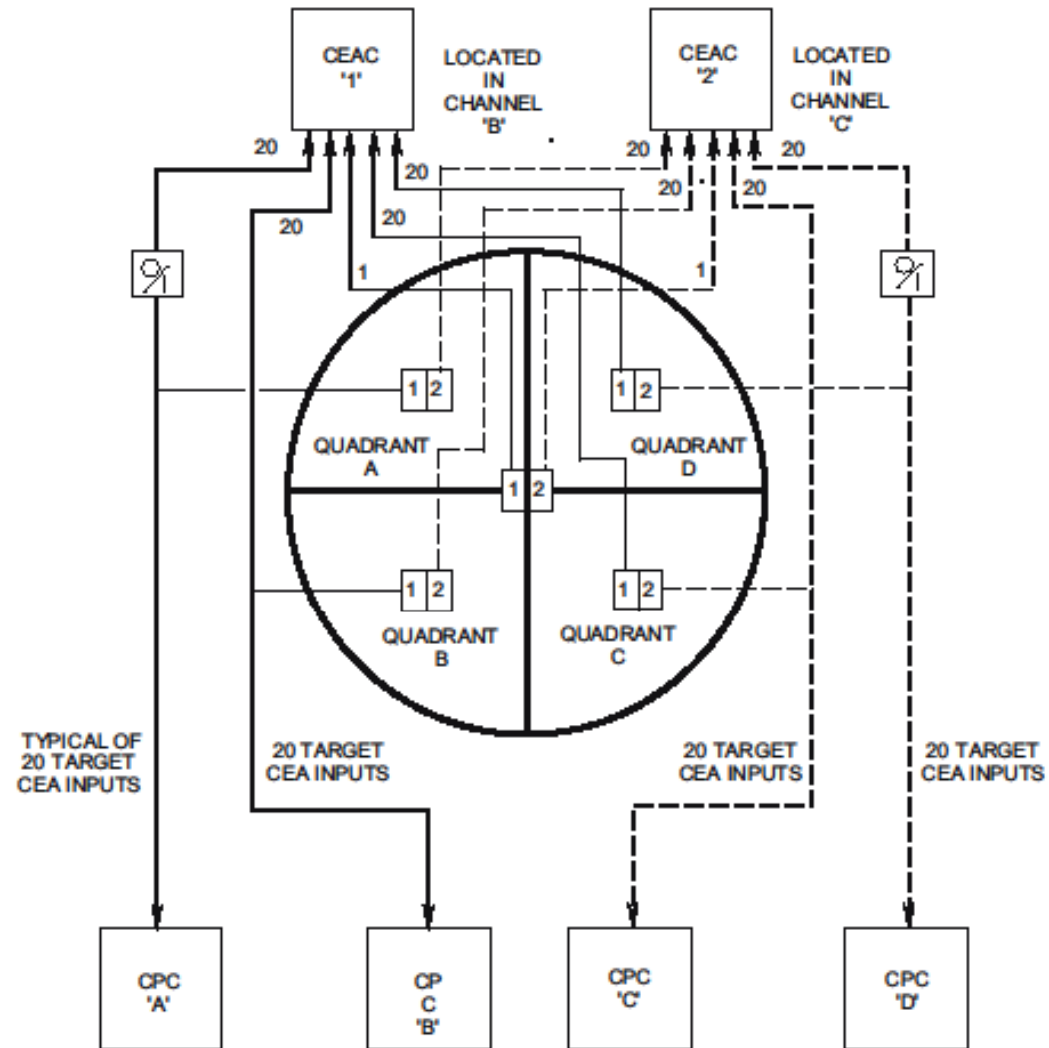


Figure 12.2-1 CEAC Inputs

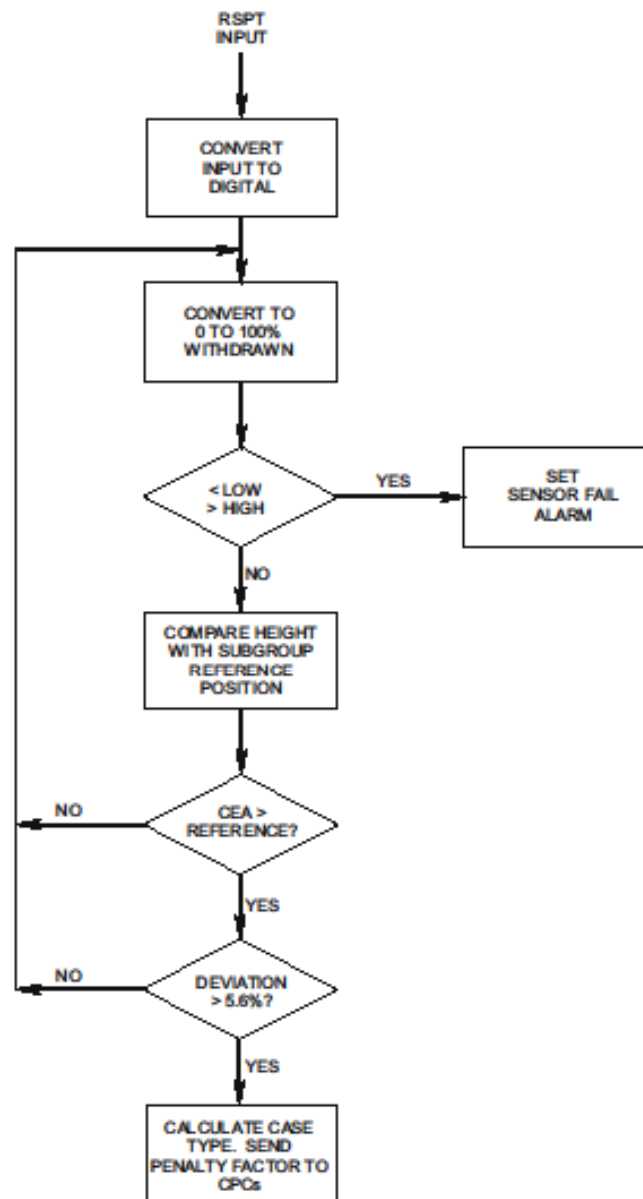


Figure 12.2-2 CEAC Software

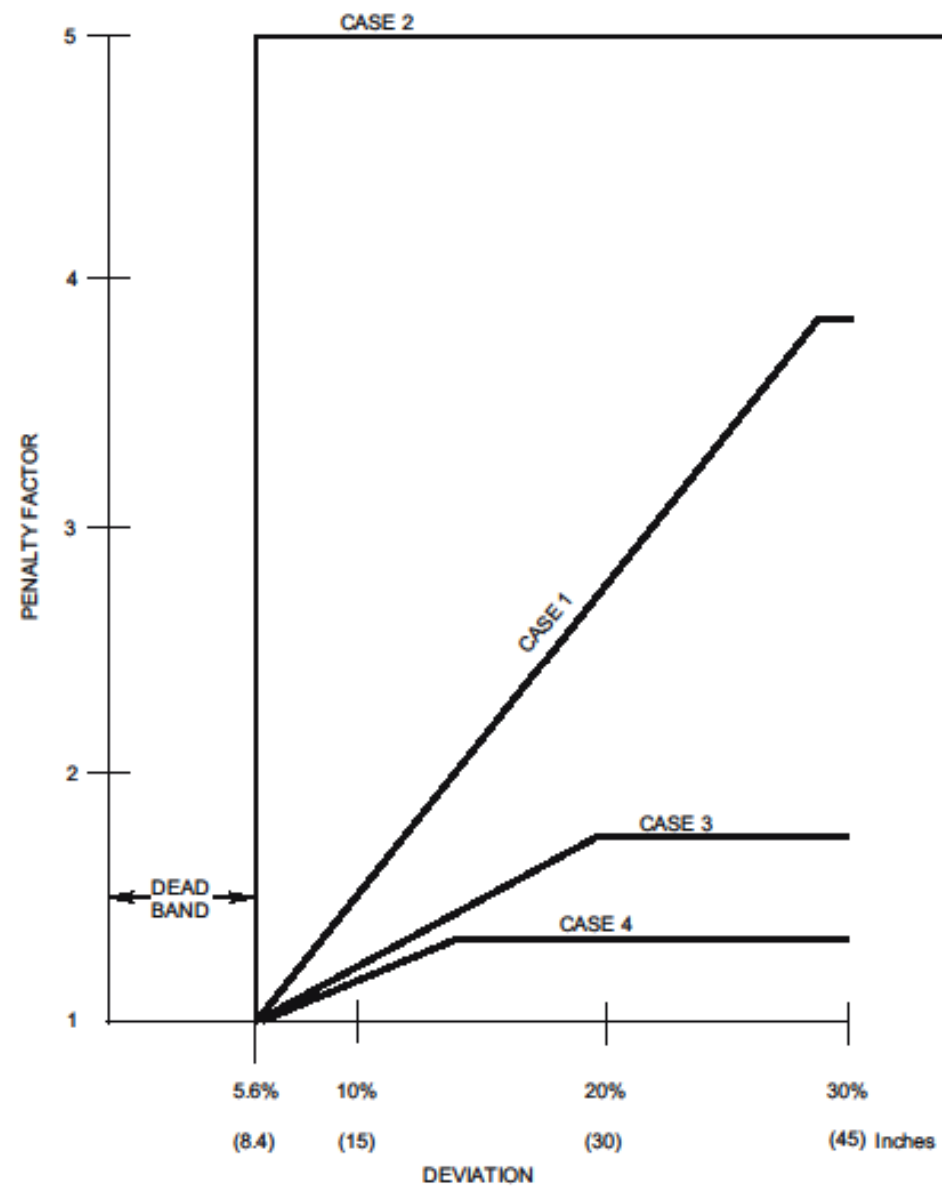
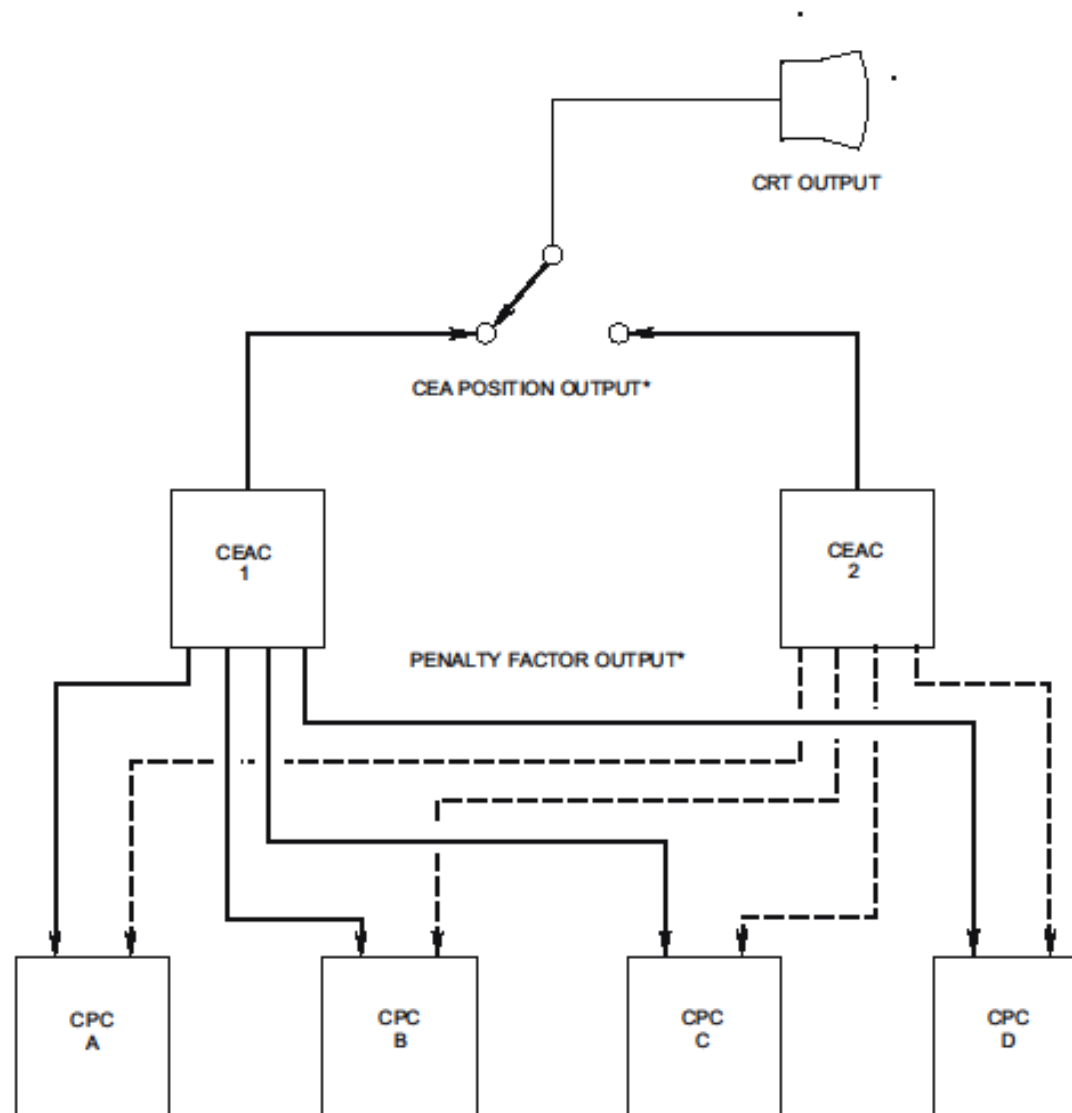


Figure 12.2-3 CEAC Penalty Factors



\*OUTPUTS TRANSMITTED VIA OPTICAL ISOLATION

Figure 12.2-4 CEAC Outputs

**The End**