

DEFENSE NUCLEAR FACILITIES SAFETY BOARD

February 20, 2026

TO: Technical Director
FROM: Oak Ridge Resident Inspectors
SUBJECT: Oak Ridge Activity Report for Week Ending February 20, 2026

Staff Activities: The resident inspectors were out of the office for the majority of this week due to internal and external commitments.

Building 9212: The Holden Gas Furnace (HGF) system engineer discovered that the as-found condition of a natural gas pressure switch was out-of-tolerance in the non-conservative direction during the annual calibration surveillance (see 02/13/2026 report). CNS completed the potential inadequacy of the safety analysis (PISA) determination process finding that a PISA exists. CNS based this determination on the review of data from 80 measurements for over a 20-year period and identifying ten as-found settings requiring adjustment but within tolerance, four outside of tolerance but within the technical specification requirement (TSR) limits, and one outside the TSR limit. In the last five years, CNS found there has only been one as-found setting outside the TSR limit and three outside of tolerance settings. CNS determined this could indicate a potential rise in the frequency of issues with the pressure switch, leading to increased drift or failure, which may require an increase in the surveillance frequency. CNS identified two operational restrictions due to the PISA determination. These included increasing the surveillance frequency of the calibration to semiannual and placing the next startup of the HGF on hold until replacement of the pressure switch can be completed.