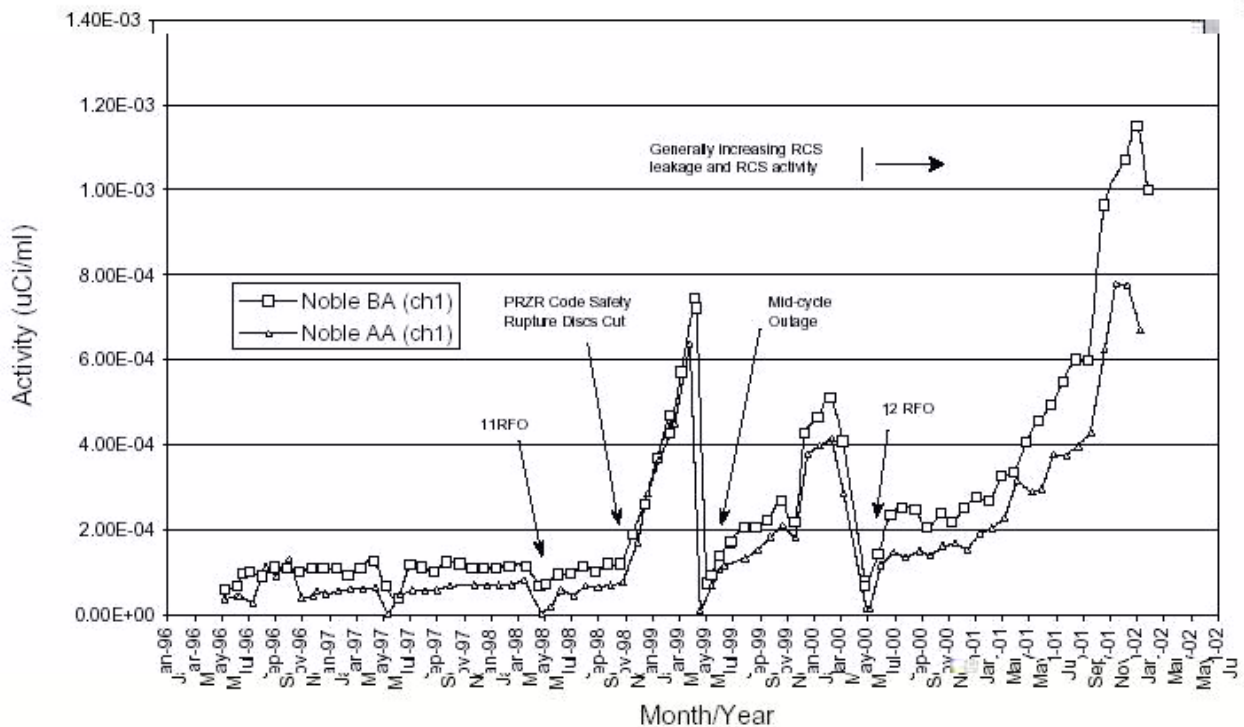




## Focus on One of Davis-Besse's Many Missed Opportunities

In the months since workers found the hole in the reactor vessel head at Davis-Besse, NRC officials and FirstEnergy representatives have ruefully admitted that many opportunities were missed to have detected the problem much sooner. This issue brief focuses in on just one of these many missed opportunities — the failure to diagnose steadily rising radiation levels inside containment.

CTMT Radiation Monitors RE4597AA & BA (Noble Gas Channels)



As shown in this chart from FirstEnergy's root cause report, the air sampling radiation levels monitored by detectors RE4597AA and BA inside containment steadily trended upward from the startup after the refueling outage in May 2000 to the shutdown for refueling in February 2002. This upward trend is not normal, as evidenced by the level readings between May 1996 and May 1998 and the rise beginning in November 1998 that required a shut down in April 1999 to remedy. An upward trend is compelling evidence that something is wrong.

The information presented in the chart was not compiled after the fact. This information was continuously available to the operators in the control room at Davis-Besse. They recorded several times each day on their rounds sheets.

