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ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

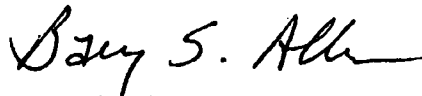
SUBJECT:
Davis-Besse Nuclear Power Station
Docket No. 50-346, License No. NPF-3
Steam Generator Tube Circumferential Crack Report - Spring 2012 Refueling Outage

In accordance with Davis-Besse Nuclear Power Station (DBNPS) License Condition 2.C(7), "Steam Generator Tube Circumferential Crack Report," FirstEnergy Nuclear Operating Company (FENOC) notified the Nuclear Regulatory Commission (NRC) of the steam generator tube inspections completed during DBNPS's spring 2012 refueling outage. This notification occurred during a May 23, 2012 teleconference. On May 30, 2012, the NRC was provided with updated steam generator tube inspection results via electronic mail.

As required by License Condition 2.C(7), FENOC shall also demonstrate by evaluation that the primary-to-secondary leakage following a large break loss-of-coolant accident (LBLOCA), if any, continues to be acceptable when considering steam generator as-found conditions. As reported to the NRC on May 30, 2012, the best estimate LBLOCA leak rate is 0.0 gallons per minute (gpm) for steam generator 1-B, and 0.1133 gpm for steam generator 2-A. The combined estimated leak rate of 0.1133 gpm is less than the leak rate assumed during a LBLOCA. Therefore, it is bounded by current analyses, does not result in a significant increase of radionuclide release in excess of 10 CFR 100 limits, and demonstrates that adequate margin and defense-in-depth continue to be maintained.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Phil H. Lashley, Supervisor – Fleet Licensing, at (330) 315-6808.

Sincerely,



Barry S. Allen

cc: NRC Region III Administrator
NRC Resident Inspector
NRC Project Manager
Utility Radiological Safety Board