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W3F1-2009-0029

June 17, 2009

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

Subject: Annual Report on Westinghouse Electric Company LLC Combustion  
Engineering Emergency Core Cooling System Performance  
Evaluation Models  
Waterford Steam Electric Station, Unit 3 (Waterford 3)  
Docket No. 50-382  
License No. NPF-38

Dear Sir or Madam:

This letter transmits the 10CFR50.46(a)(3)(ii) annual report pertaining to Emergency Core Cooling System (ECCS) Evaluation changes for Calendar Year 2008 for Waterford 3. The Westinghouse 1999 Evaluation Model (EM) is used in the Waterford 3 Large Break Loss of Coolant Accident (LBLOCA) ECCS performance analysis. There were no error corrections to the 1999 EM in calendar year 2008. Also, there were no changes or error corrections in calendar year 2008 to the Westinghouse Supplement 2 Evaluation Model (S2M) which is the EM used in the Waterford 3 Small Break Loss of Coolant Accident (SBLOCA) ECCS performance analysis. There were no model changes in Calendar Year 2008 that had a significant impact on peak clad temperature (PCT).

There are no new commitments contained in this submittal. Please contact Robert J. Murillo at 504-739-6715 with any questions regarding this information.

Sincerely,



RJM/WJS

A002  
NRR

cc: Mr. Elmo E. Collins, Jr.  
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