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January 11, 2007

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

Subject: Special Report of ECCS Actuation
River Bend Station – Unit 1
Docket No. 50-458
License No. NPF-47

File Nos. G9.5, G9.25.1.3

RBG-46643
RBF1-07-0006

Ladies and Gentlemen:

Pursuant to River Bend Technical Requirements Manual (TRM) section 5.6.9.2, Entergy Operations, Inc., hereby provides notification that on October 19, 2006, the high pressure core spray (HPCS) system automatically actuated and injected water into the reactor coolant system. This system actuation occurred in response to an actual low water level condition in the reactor vessel following a loss of normal feedwater flow. The details of that event are contained in Licensee Event Report 50-458/06-007-00, dated December 18, 2006.

This HPCS actuation was the 14th such event since plant operations started in 1985. The total cumulative nozzle usage factor remains below the TRM limit of 0.70.

Sincerely,

A handwritten signature in black ink, appearing to read "David N. Lorfing".
David N. Lorfing
Manager – Licensing

DNL/dhw

cc: NRC Sr. Resident Inspector
P. O. Box 1050
St. Francisville, LA 70775

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