

NID#16309
June 8, 2016

Attn: Mr. Richard P. McIntyre and Ms. Belen-Ojeda
U.S. Nuclear Regulatory Commission

Subject: 10 CFR Part 21 Report
Update to Notification of a Defect, Potential for Test Induced Damage
0867F Series Main Steam Safety Relief Valves

Reference: (1) Target Rock Letter NID#15428 to U.S. NRC Document Control Desk,
“Notification of a Potential Test Induced Defect”, dated June 30, 2015

Dear Mr. Richard P. McIntyre and Ms. Belen-Ojeda:

Target Rock, a business unit of Curtiss-Wright Flow Control Corporation (TR), submitted Reference (1) regarding 0867F Series of Main Steam Safety Relief Valves (MS-SRV) which included Target Rock Actions estimated to be completed within 12 Months of the letter issuance date. As discussed in our recent telephone conference call, the purpose of this letter is to provide an update on the status of those actions.

TR has pursued an enhanced 0867F design which will:

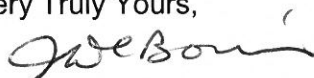
- (a) eliminate interim actions noted in the notification for valves currently or not yet installed;
- (b) continue to meet in-service specification requirements; and
- (c) be better able to mitigate the extreme loads encountered in limited flow testing.

As of this writing, TR has been able to successfully demonstrate reduced impact velocity will mitigate the extreme loads encountered in limited flow testing. TR testing has reduced impact velocities between 2.7m/s (105 in/s) and 3.3 m/s (130 in/s), resulting in zero joint de-shouldering. However, currently TR is challenged by increased delay times which do not meet original equipment specification requirements. Additional analysis and testing is required to overcome this issue.

TR is not forecasting the redesign and qualification testing will be completed within the original 12 month time frame given in the notification. The qualification testing will include full flow testing to be performed at the NTS test facility (formally Wyle) in Huntsville Alabama. This testing will be conducted under TR control using TR test procedures. TR acknowledges your intent to perform a site inspection of TR by witnessing this full flow test activity at NTS. TR will provide you a minimum (2) week advance notice of test date and will provide you e-mail updates on an approximate (2) week frequency between now and then.

Should you have any questions regarding this matter, please contact me at (631) 293-3800

Very Truly Yours,

A handwritten signature in black ink, appearing to read "John DeBonis". The signature is fluid and cursive, with a prominent initial "J" and a long, sweeping underline.

John DeBonis

Director of Quality Assurance (Acting)

Target Rock, Business Unit of Curtiss-Wright Flow Control Corporation

cc: Michael Cinque
Ed Bradshaw
Steve Pauly
Alex DiMeo
Joseph Simonetti