From:	Poslusny, Chester [cposlusny@babcock.com]
Sent:	Wednesday, March 30, 2011 11:24 AM
To:	Starefos, Joelle
Cc:	Childerson, Michael T; Halfinger, Jeff A.; Kim, TJ; jcsaldar@bechtel.com; Pope, Steven M; Holt, David C
Subject:	Email Follow up to Recent Conference Call about SP Methodology Topical Report

In October of 2010, B&W NE submitted to the NRC a Topical Report: Instrument Setpoint Methodology. The NRC staff, during its acceptance review, identified some items that needed clarification and three sets of comments were provided to B&W staff to consider. Further, two conference calls were conducted between B&W and NRC staff to discuss the above comments. Based on the above, B&W NE is proposing to make a set of changes to the report for clarification and consistency of information. We will incorporate the changes in Revision 1 of the topical report and plan to submit this revision to the NRC by June of this year. In the planned changes that will be made to the report we will:

- Define the scope of the topical report and what is expected to be approved by the NRC,
- Clarify Section 4.2.1 of the report to describe the mathematical relationship between the nominal trip set point (NTSP) and the limiting trip set point (LTSP).
- Clarify the definition of margin and its application in Equations 4.2.3 and 4.2.4 described in the report.
- Add to the report a typical calculation (not design-specific) showing the determination of uncertainties, and application of the setpoint methodology for a typical instrument channel with resulting sample results for the analytical limit (AL), the   channel uncertainty (CU),LTSP, NTSP, and the allowable value (AV).
- Clarify how the graded approach to establishing setpoints is used in the report methodology.
- Revise Figure 5.1 in the topical report to :
  a. Clarify the relationships between design and safety analysis methods and methods applied during surveillance and calibration.
  b. Clarify that as-found tolerance is derived from the NTSP to establish the allowable value.
  c. Clarify that the allowable value is the limiting safety system setting (LSSS).
  d. Clarify the relationship between the LTSP, the NTSP, and the AV in the main report.

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