

From: Getachew Tesfaye
To: DAFLUCAS Ronda M.
Date: 6/19/2007 10:53:54 AM
Subject: Draft RAIs for Instrument Setpoint Methodology TR

Ronda,
Attached please find draft RAIs for the Instrument Setpoint Methodology Topical Report (ANP-10275P). We will have our technical staff available to discuss them with you as soon as you are ready. Please call me with a proposed date and time for the telecon.

Please also review the RAI to ensure that we have not inadvertently included proprietary information. If there are any proprietary information, please let me know within the next ten days. If I do not hear from you within the next ten days, I will assume there are none and will make the draft RAI publicly available.

Thanks,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/NARP

CC: David.Noxon@areva.com; Sang Rhov; SLOAN Sandra M

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DRAFT

REQUEST FOR ADDITIONAL INFORMATION (RAI)

ANP-10275P, "U.S. EPR INSTRUMENT SETPOINT METHODOLOGY

TOPICAL REPORT" (TAC NO. MD4976)

PROJECT NUMBER 733

- RAI 1) The setpoint methodology added a margin to the instrument channel uncertainty (CU) to derive the nominal trip setpoint (NTSP) from the analytical limit (AL). Provide the criteria regarding how much the margin has been added to the CU.
- RAI 2) The performance test acceptance criteria (PTAC) shall be based on a protection of the expected performance of the tested instrumentation under the test conditions. These PTAC is established to provide reasonable assurance that the equipment performs as required and that there is no masking of equipment degradation. The determination of the As-Found (AF) tolerance shall include those effects expected during test such as the reference accuracy (RA), instrument drift (DR) during normal operation, and measurement & test equipment (M&TE) uncertainties. If the AF value exceeds the PTAC during surveillance testing, a report will be entered into the corrective action program. The staff understands that the PTAC and the AF tolerance are the same. If the two values are not the same, explain the difference of the two values.
- RAI 3) This topical report states that the instrument is declared inoperable if the AF value exceeds the Allowable Value (AV). Difference between AF and AV is a value of the margin. Justify why the AF tolerance is not used to determine the operability of the channel (instrument)

Enclosure