

From: Shingleton, Boyd <Boyd.Shingleton@duke-energy.com>
Sent: Thursday, November 14, 2013 2:27 PM
To: Guzman, Richard
Cc: Whitaker, David E; Wasik, Christopher J
Subject: ONS 54 EFPY PT Curves LAR Supplement 2 - ONS Unit 3 Lower Nozzle Belt forging reported in ANP-3127, Revision 2 came from a Certified Material Test Report (CMTR).

Rich,

AREVA has advised that the new material data for the ONS Unit 3 Lower Nozzle Belt forging did not come from the CMTR provided by the Rotterdam Dockyard.

The new copper content for the ONS-3 Lower Nozzle Belt Forging (LNBF) comes from AREVA testing of an ONS-3 nozzle belt dropout remnant that contained LNBF material. The composition was determined via supplemental testing by AREVA in accordance with the AREVA QA program. The RT_{ndt} is determined by a Regulatory Guide 1.99 Revision 2 type statistical evaluation (mean/standard deviation) of data in the NRC's RVID2 database. The initial RT_{NDT} and its uncertainty, σ_i , for the ONS-3 LNBF are estimated from a sample of A 508 Cl2 forgings specifically from the Rotterdam Dockyard. This provides a better estimate of the ONS-3 LNBF initial RT_{NDT} than the previous values, which were estimated in accordance with Regulatory Guide 1.99, Revision 2 from a sample of materials from the same ASTM specification (A 508 Cl2) but without regard to supplier.

Boyd Shingleton

ONS Regulatory Affairs
864-873-4716

From: Guzman, Richard [<mailto:Richard.Guzman@nrc.gov>]
Sent: Friday, November 08, 2013 6:40 PM
To: Shingleton, Boyd
Cc: Wasik, Christopher J; Patterson, Terry L; Guy, Robert H
Subject: RE: ONS 54 EFPY PT Curves LAR Supplement 2

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Boyd,

In his review of Supplement 2, the technical reviewer requests the licensee to confirm that the new material data for the ONS Unit 3 Lower Nozzle Belt forging reported in ANP-3127, Revision 2 came from a Certified Material Test Report (CMTR). A response via email will suffice; if necessary, we can also have a phone call to discuss further.

Thanks,

Rich Guzman
Sr. Project Manager
NRR/DORL

US NRC
301-415-1030

From: Shingleton, Boyd [<mailto:Boyd.Shingleton@duke-energy.com>]
Sent: Friday, October 25, 2013 5:32 PM
To: Guzman, Richard
Cc: Wasik, Christopher J; Patterson, Terry L; Guy, Robert H
Subject: ONS 54 EFPY PT Curves LAR Supplement 2

Rich,

Attached is the latest supplement to the PT curve LAR.

Boyd Shingleton
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