Cox, Linda

From: Tsao, John
Sent: Friday, August 30, 2013 9:41 PM
To: Lamb, John; Hughey, John; Lupold, Timothy; Trapp, James; Dentel, Glenn; Cataldo, Paul
Subject: Draft RAI Questions Seabrook Station Relief Request RA-13-001

REQUEST FOR ADDITIONAL INFORMATION
ALTERNATE REPAIR OF THE SERVICE WATER PIPING SEABROOK STATION

1. The licensee submitted the proposed relief request pursuant to 10 CFR 50.55a(a)(3)(i). The NRC staff finds this is not appropriate because 10 CFR 50.55a(a)(3)(i) is for the alternative that provides equivalent level of quality and safety as the ASME Code requirement. The NRC does not believe the proposed repair could achieve the equivalent quality and safety. The NRC staff finds that the relief request should be submitted under 10 CFR 50.55a(a)(3)(ii).

2 (a) Provide the pressure rating of the weldolet and blind flange. (b) Provide the design and normal operation pressure and temperature.

3. (a) Discuss whether the weldolet is an ASME Code component (satisfies the ASME Code). (b) Discuss whether the welding of the weldolet on the degraded pipe satisfies the ASME Code, Section III or Construction Code.

4. (a) Discuss the pre-installation and post-installation (pre-service) nondestructive examinations (NDE) for the weldolet. (b) Discuss the acceptance criteria for the welding of the weldolet (c) Discuss whether the NDE method is based on the ASME Code, Section XI.

5. Provide Reference 2-- Seabrook Station Calculation C-S-1-45893-CALC Rev. 000 "Code Case N-513-3 Pipe Wall Flaw Evaluation for: SW-1802-004-153-24"

6. (a) Provide calculations to demonstrate that the pipe wall thickness underneath the weldolet and associated weldment will not be reduced by the corrosion during the effective duration of the relief request. (b) Discuss the minimum pipe wall thickness underneath the weldolet and its weldment that is required to maintain the structural integrity of the repair. (c) Discuss what is the wall thickness of the pipe that the weldolet will be weld on.

7. Describe the pipe supports (hangers or lateral restraints?) that are located to the defective area. How far these pipe supports are from the defect area?

-----Original Message-----
From: Lamb, John
Sent: Friday, August 30, 2013 7:35 PM
To: Hughey, John; Lupold, Timothy; Tsao, John; Trapp, James; Dentel, Glenn; Cataldo, Paul
Subject: FW: Seabrook Station Relief Request RA-13-001

From: Ossing, Michael [Michael.Ossing@nexteraenergy.com]

Sent: Friday, August 30, 2013 7:26 PM
To: Lamb, John
Cc: Kilby, Gary; Nicholson, Larry; Ossing, Michael; Walsh, Kevin; Connolly, James; Collins, Michael; Vehec, Thomas; Dodds, Ralph
Subject: Seabrook Station Relief Request RA-13-001

John

Attached is the Seabrook Station relief request RA-13-001 for NRC review. Seabrook Station is requesting verbal authorization of the relief request and will followup with a letter submittal by September 4, 2013.

Seabrook is requesting the verbal authorization on August 30, 2013.

Michael Ossing
Licensing Manager
Seabrook Station
603-773-7512