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Subject: Fwd: Relief Request RR-ENG-2-30, Underwater welding at STP 1& 2
Creation Date: 5/13/03 3:12PM
From: Bhalchandra Vaidya

Created By: BKV@nrc.gov

Recipients	Action	Date & Time
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RAG CC (Robert Gramm)	Opened	05/14/03 07:31AM
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MCT CC (Mohan Thadani)	Opened	05/13/03 03:34PM
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Awharrison (Awharrison@stpegs.com)	Transferred	05/13/03 03:12PM
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MESSAGE	1452	05/13/03 03:12PM

Options

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From: Bhalchandra Vaidya
To: Awharrison@stpegs.com
Date: 5/13/03 3:12PM
Subject: Fwd: Relief Request RR-ENG-2-30, Underwater welding at STP 1& 2

I am forwarding the RAI questions herewith.

In order to schedule the phone call for tommorrow, I need to talk to you to get the convenient time slots. Please get in touch with me and let know which number I should dial.

The time slot, 10:30 am - 1:30 pm, Rockville MD time, (may be an hour to hour and a half) is okay for everybody here. Is this okay with your people ? Please let me know.

Thanks.

Bhalchandra Vaidya
NRR/DLPM
Licensing Project Manager, PDIV-1
Grand Gulf Nuclear Station, Unit 1
301-415-3308
M/S: O-7D1

CC: Mohan Thadani; Robert Gramm

From: Edward Andruszkiewicz
To: Bhalchandra Vaidya; Mohan Thadani
Date: 5/13/03 2:54PM
Subject: Relief Request RR-ENG-2-30, Underwater welding at STP 1& 2

Attached please find the RAI for the subject relief request.

CC: Ganesh Cheruvenki; Matthew Mitchell; Stephanie Coffin

RAI for STP UNDERWATER WELDING (RR-ENG-230)

1. Will ASME Section IX guided bend tests per QW-160 be performed on the welding procedure qualification tests?
2. Is this welding wet or dry hyper baric, dry chamber, dry spot, etc.?
3. What is the specific item to be welded using underwater welding?
4. What material is the item to be welded using underwater welding made of? (ASME SA Number, type, and grade; heat treatment condition)
5. What is the specific filler material to be used for the welding? (filler metal classification)
6. What welding process or processes are to be used?
7. What process or processes are to be used for cutting or metal removal?
8. Will any additional NDE be done on this weld?
9. What NDE will be done on this weld?
10. Will any Examination be done on this item on an ongoing basis? (Every outage or every other outage, etc.)
11. What is the fluence level in the area to be welded?
12. Will the mock-up material have the same fluence level applied to it?
13. The high neutron fluence welding mock-up testing, procedure, data and results shall be attached to the relief request.
14. What is the licensee's basis that the proposed alternative provides an acceptable level of quality and safety?
15. Provide information on the depth of the water at which the repair will be performed.
16. Confirmation tests for welders shall be performed prior to the commencement of production work. The confirmation test requirements specified in AWS D 3.6 shall be followed.
17. The licensee should provide test results of filler metal qualifications per paragraph 4.0 of code case 516-2. The minimum required ferrite number of the weld metal shall be specified in the relief request.
18. The items above shall be included in or attached to the relief request.

19. ~~Under Duration of Proposed Alternatives, the licensee shall give a time for the duration because there is no guarantee that this code case will be accepted, until it actually is published.~~