

From: "TURKETT, JAMES W JR" <JTURKETT@scana.com>
To: "Robert Martin" <REM@nrc.gov>
Date: 9/7/05 11:00AM
Subject: FW: Answers to RAI

Bob,

These are Brian's responses to the RAI questions you faxed yesterday.

Jim

From: MERVAK, BRIAN L
Sent: Wednesday, September 07, 2005 8:28 AM
To: TURKETT, JAMES W JR
Subject: Answers to RAI

See attached documents. Please forward to Bob Martin.

Brian L. Mervak
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Enclosure 2

Response to RAI
V.C. Summer Tube Inspection Report

1. Possible Loose Part (PLP) indications were detected in each SG. Every detected PLP was bounded by additional +Point™ examinations as required. Secondary side inspection (SSI) was performed in each steam generator after sludge lancing and, where accessible, the PLP locations were investigated. No loose parts were confirmed by the SSI examination and no indication of loose part wear was detected in any SG.
2. There were no dents or dings reported in refuel 15 that were not present in the 1994 baseline.

The reported voltages were compared for each dent or ding and the average changes from 1994 were as follows:

SG A	-0.1 Volts change from 1994
SG B	-0.6 Volts change from 1994
SG C	-0.5 Volts change from 1994

The majority of the dents were located at TSP 9C. The tubesheet graphics show that the majority of these are on the periphery of the bundle.

3. Dimensions

- a. Tubesheet WO Clad = 22.7"; With Clad = 23.015"
- b. FDB Thickness = 0.75"; TSP Thickness = 1.125"
- c. FDB hole configuration - Can supply a drawing
- d. AVB Bars are rectangular, 0.480" X 0.160"

The penetration of the AVB's are

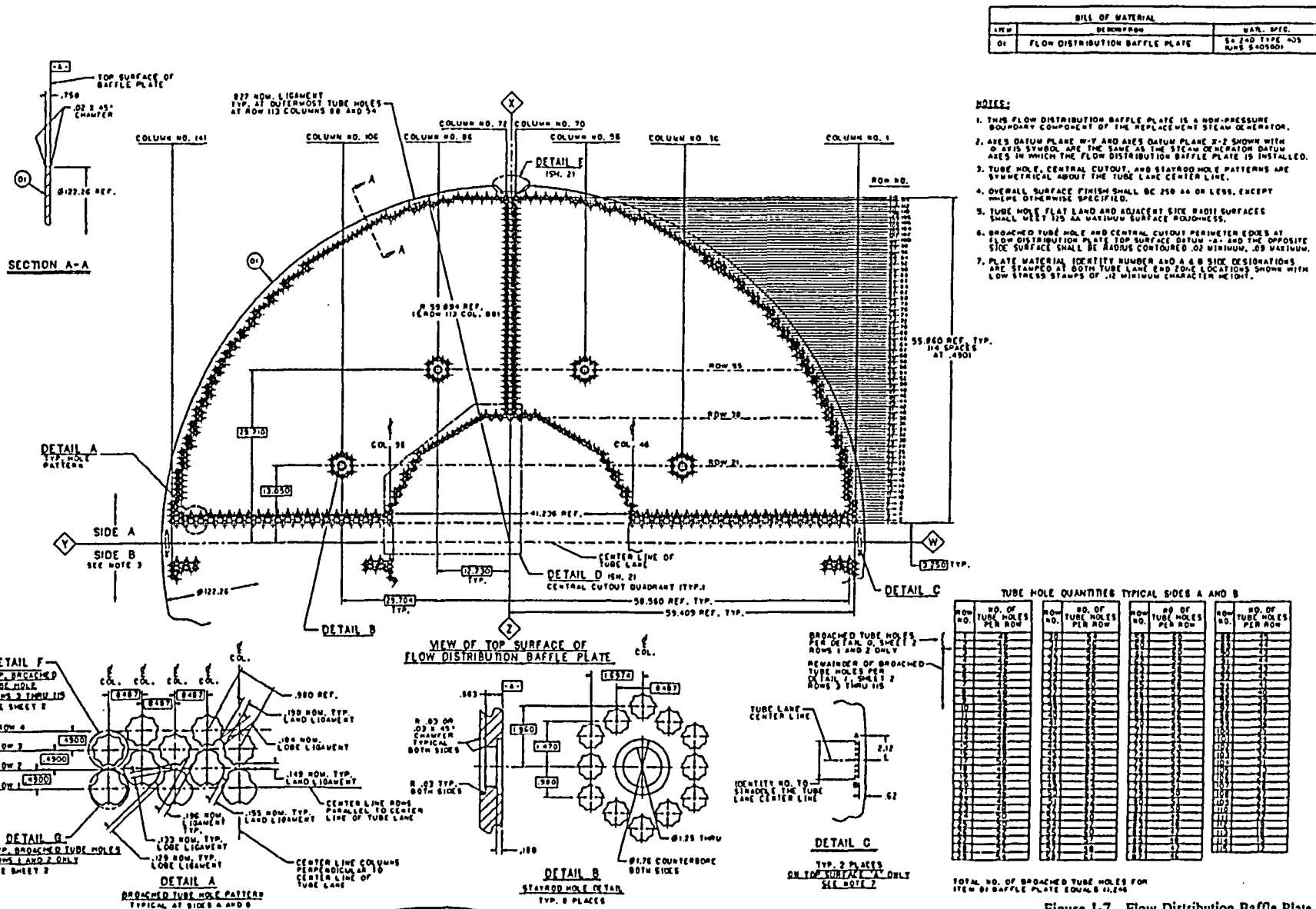
Set 1 Penetrate to Row 1 (some only reach Row 9)

Set 2 Penetrate to Row 19 (some only reach Row 23)

Set 3 Penetrate to Row 43 (some only reach Row 47)

Set 4 Penetrate to Row 75 (some only reach Row 79)

4. Low row U-bends are considered Rows 1&2. The smallest U-bend radius is row 1 @ 3.25". Note that rows 1 through 17 were stress relieved after bending.



NOT FOR FIELD USE
FOR INFORMATION ONLY
REFERENCE: *MANUAL DRAWING*
LIST

Figure 1-7 Flow Distribution Baffle Plate
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Figure 1-7 Flow Distribution Baffle Plate
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