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TAYLOR FORGE STAINLESS

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U.S. Nuclear Regulatory Commission
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RE: 10 CFR 21 status

To Whom it May Concern:

This is to further inform you of the status of the 10 CFR Part 21, dated 11-12-92 and our first status reported dated 12-14-92 concerning 50 pieces of 1" butt weld fittings manufactured by Taylor Forge Stainless and shipped to Texas Utilities.

As referenced in the last status, 40 of the 50 pieces shipped of heat code "LEQF" were not installed. They were received at the laboratory for testing on 1-7-93. Of these 40 pieces, 39 conform to the chemical requirements of 304 grade showing the higher chromium content and only traces of molybdenum. This indicates that the starting pipe (C-E mill heat KSD-1117) used in the manufacture of these pieces had been certified, marked and supplied to Taylor Forge Stainless incorrectly. The remaining one piece had conformed to the chemical requirements of 316 grade, creating an inexplicable singular occurrence of a grade mix, at which we can only theorize.

Our investigation involves one 24 foot length of 316 pipe ordered cut into three 8 foot pieces and received as such. Our records indicate that the entire 50 pieces were cut from these 8 foot lengths. The spectrochemical analysis performed so far, indicates that this material is actually 304 grade. Only ten 90° elbows from the DuBose order (TFS #N8124A-7) has been installed in Texas Utilities Comanche Peak Unit #1 and remain untested. As of Monday January 18, 1993 these ten pieces have not been located or positively identified by Texas Utilities personnel. On that day, Mr Chanda Bhatt, an engineer at T.U., assured us that his management would decide in their action soon and that we would be notified in writing of their decision.

Taylor Forge Stainless has notified our supplier, Radnor Alloys, of our findings to date.

Our records indicate that the remaining ten pieces were cut from the same piece of pipe as the other two items of 1" on the DuBose order that tested as 304 grade. Without Texas Utilities performing positive material identification, we can only presume the same result. Taylor Forge Stainless will submit a final report as soon as we receive this information from Texas Utilities.

Regards,



James G. Takacs
Manager Quality Assurance
TAYLOR FORGE STAINLESS