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 Ref. # NRCB 88-05; Supp2

TU ELECTRIC

September 24, 1992

William J. Cahill, Jr.
 Group Vice President

U. S. Nuclear Regulatory Commission
 Attn: Document Control Desk
 Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 2
 DOCKET NO. 50-446
 NRC BULLETIN 88-05 AND SUPPLEMENTS 1 AND 2:
 NONCONFORMING MATERIALS SUPPLIED BY PIPING
 SUPPLIES, INC. AT FOLSOM, NEW JERSEY AND WEST
 JERSEY MANUFACTURING CO. AT WILLIAMSTOWN,
 NEW JERSEY

REF: TU Electric letter from William J. Cahill, Jr. to
 U. S. NRC dated March 31, 1989 logged TXX-89163

Gentlemen:

The referenced letter stated that WJM/PSI/CLM flanges installed in Unit 2 safety related systems would be located, identified, and tested prior to N-5 Certification of the Unit 2 piping systems. Additional information based on the results of these actions would be provided to the NP before Unit 2 fuel load. This letter provides that additional information.

A review of piping records determined that 83 potentially deficient flanges had been installed in Unit 2 safety-related systems. Unsatisfactory inspection reports requiring hardness testing were generated for those 83 flanges. After the hardness testing was completed, corrective action documents (TUE Forms) were generated for the flanges that had hardness readings outside the allowable range. Each of the TUE Forms were dispositioned "use-as-is" after evaluation by Engineering.

Of the thirty-two flanges with hardness readings outside the allowable range, twenty-two had readings that were too low. These were from six different heats, three of which had previously been laboratory tested to confirm chemical composition. TU Electric has now tested the three remaining heats onsite using an Horiba Model #EMIA-526 Carbon/Sulfur Analyzer and a Texas Nuclear Metallurgist Model #XR Alloy Analyzer. These tests confirmed that the three remaining heats have chemical composition conforming to the SA-105 material specification defined by ASME. The test results are provided in an attached table along with the results of previous laboratory testing of the other three heats.

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TU Electric has reviewed its records/documentation to identify WJM/PSI/CLM material installed in ASME Boiler and Pressure Vessel Code, Section III, Division 1, Code Class I piping systems. The review revealed that no WJM/PSI/CLM material was installed in any ASME Code Class I piping systems for CPSES Unit 2.

Documentation for these actions is available at the site for NRC review.

Sincerely,



William J. Cahill, Jr.

By: 

Roger D. Walker
Manager of Regulatory
Affairs for NEO

JTC/tg
Attachment

c - Mr. J. L. Milhoan, Region IV
Mr. B. E. [unclear], NRR
Mr. G. Bynog, Texas Dept. of Licensing and Regulation, Boiler Div
Resident Inspectors, CPSES (2)

CHEMICAL COMPOSITION

	C%	Mn%	S%	P%	Si%
ASME SA-105 Specification	0.35 max	0.60-1.05 *	0.050 max	0.040 max	0.35 max
Heat "DD"					
CMTR	0.25	0.76	0.022	0.022	0.25
CPSES Testing	0.30488	1.24*	0.03388	-	-
Heat "J690"					
CMTR	0.28	0.69	0.019	0.008	0.24
CPSES Testing	0.31434	1.22*	0.02235	-	-
Heat "T1404G"					
CMTR	0.340	0.770	0.026	0.028	0.210
CPSES Testing	0.25715	0.87	0.01576	-	-
Heat "86861"					
CMTR	0.31	0.89	0.016	0.010	0.22
Lab Testing	0.31	0.82	0.020	0.013	0.200

* For each reduction of 0.01% below the specified carbon maximum (0.35%), an increase of 0.06% manganese above the specified maximum (1.05%) will be permitted up to a maximum of 1.35%.

CHEMICAL COMPOSITION

	C%	Mn%	S%	P%	Si%
Heat "M551701"					
CMTR	0.22	0.71	0.007	0.013	0.21
Lab Testing	0.22	0.69	0.014	0.015	0.20
ASME SA-350LF2 Specification	0.30 max	1.35 max	0.040 max	0.035 max	0.15 0.30
Heat "B3281"					
CMTR	0.18	0.96	0.025	0.009	0.20
Lab Testing	0.180	0.900	0.027	0.013	0.220