

TEXAS UTILITIES GENERATING COMPANY
SKYWAY TOWER * 400 NORTH OLIVE STREET, L.B. 81 * DALLAS, TEXAS 75201

Log # TXX-4298
File # 10010

September 10, 1984

Director of Nuclear Reactor Regulation
Attention: Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 AND 50-446
CONTAINMENT SUMP PERFORMANCE

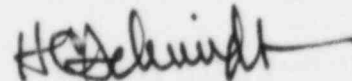
REF: (a) Meeting of June 7, 1984 - NRC & TUGCO (Containment
Sump Performance)
(b) TUGCO letter TXX-4267 dated 8-17-84 - Schmidt to
Youngblood

Dear Mr. Youngblood:

Reference (a) above transmitted our consolidated report regarding
Containment Sump Performance. Reference (b) supplemented that report
with additional information from Gibbs & Hill. This letter transmits
additional information developed as a result of matters discussed in
public meetings with your staff to clarify selected sections of the
report. Specifically, the following information is provided:

G&H letter GTN-69402 dated August 29, 1984, with revised page 6-8
and Tables 6.2-25 and 9.4-1.

We will incorporate the above information, along with that identified by
reference (b) into a complete revision of the report after you have
completed your review. If you need more information, please advise.



H. C. Schmidt
Manager, Nuclear Services

HCS:tls
Enclosure

Original + 15 copies

c - S. B. Burwell

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PDR ADOCK 05000445
A PDR

Boo!
1/1

Gibbs & Hill, Inc.

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New York, New York 10001
212 760-
Telex:
Domestic: 127636/968694
International: 428813/234475
A Dravo Company

August 29, 1984

GTN-69402

Texas Utilities Generating Company
Skyway Tower
400 North Olive Street
LB 81
Dallas, Texas 75201

Attention: Mr. H.C. Schmidt
Manager of Nuclear Services

Gentlemen:

TEXAS UTILITIES GENERATING COMPANY
COMANCHE PEAK STEAM ELECTRIC STATION
G&H PROJECT NO. 2323
GIBBS & HILL PAINT REPORT

Based on our telephone conversation of August 23, 1984 with M. Sericiz of the NRC, we are attaching the following revised pages regarding the Report on "Evaluation of Paint and Insulation Debris Effects on Containment Emergency Sump Performance" June 1984.

1. Page 6-8 (original attached to GTN-69355 dated August, 16, 1984)
2. Table 6.2-25
3. Table 9.4-1 (original attached to GTN-69345 dated August 15, 1984)

Gibbs & Hill, Inc.

GTN-69402

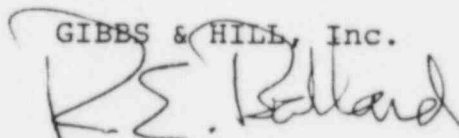
-2-

August 29, 1984

You are requested to submit the above information to the
NRC after review.

Very truly yours,

GIBBS & HILL, Inc.



Robert E. Ballard, Jr.
Director of Projects

REBa-MC

REBa-MC: 1c

1 Letter + Attachment

CC: ARMS (B&R Site) OL

J.T. Merritt (TUSI Site) 1L

R. Tolson (TUSI Site) 1L 1A

R. Iotti (Ebasco, NY) 1L 1A

H.C. Schmidt (c/o Westinghouse Bethesda) 12L + 12A

T.R. Puryear/L. Berkowitz (Westinghouse Pa) 1L 1A

- a. All the paint in the Azimuths $60-0-315^{\circ}$ between Elevations $808'-0"$ and $832'-10"$.
- b. All the paint on the containment liner in the Azimuths $60-0-315^{\circ}$ from Elevation $808'-0"$ to the spring line.
- c. All the paint transported from the upper floors to Elevation $808'-0"$ between Azimuths $60-0-315^{\circ}$ (see Table 6.2-25).

Table 6.2-26 gives the quantity of paint debris that can be transported to the sumps. The remainder of the paint shown in Table 6.2-25 remains on the 808 level at locations away from the sumps. Paint that reaches the 808 level between Azimuths 100° and 80° will accumulate near Azimuth 80° (see Figure 6.2-3). The remainder of paint which reaches the 808 level at locations distant from the sump (Azimuths 60° to 315°) will accumulate approximately where it falls. The bulk of the paint debris in the Steam Generator Compartments will not be transported because of various low velocity zones (see Table 5.4-11, Channels 5, 6, and 7). Only a very small quantity of debris at the door openings is likely to be transported to the annulus area and will be retained in sub-channels 1A, 2A, 3A, and 4A.

TABLE 6.2-25

COATINGS CONTRIBUTION
FROM UPPER ELEVATIONS
TO ANNULUS AT 308 EL.

AZIMUTH RANGE	905 ELEV	860 ELEV	832 ELEV	TOTAL AT 808 EL. (NOTE 1&2)
COATINGS AVAILABLE	87800	128200	128200	76480
0-45	0	0	26805	46743
45-60	0	0	0	6579
60-90	0	0	0	13358
90-135	0	0	16316	36254
135-180	4248	10395	6993	41573
180-225	50981	34649	32633	138200
225-270	32571	45043	23309	120861
270-315	0	38114	0	58051
315-360	0	0	22144	42081

NOTES:

1. CONTRIBUTION FROM LINER PLATE UP TO THE SPRING LINE AND PAINT AT THE 808 EL. ARE INCLUDED.
2. PAINT INSIDE EACH STEAM GENERATOR COMPARTMENT IS ABOUT 27,000 Sq.Ft. THIS PAINT IS NOT TRANSPORTED TO THE ANNULUS & IS NOT INCLUDED.

Revised
August 28, 1984

TABLE 9.4-1
SPRAY AND RHR PUMP NPSH

<u>Parameter</u>	<u>Pump</u>	
	<u>CSS</u>	<u>RHR</u>
Loss through screen with 24 ft ² area, ft	0.4	0.4
Water elevation to supply required NPSH, ft ⁽¹⁾	1.02 (33.43)	2.6 (34.1)
Water elevation available, ft ⁽¹⁾	6.83 (39.24)	6.83 (38.33)
NPSH margin, ft	5.81	4.23

⁽¹⁾ Ft above containment floor (El. 808 ft). Numbers in parenthesis correspond to feet above pump centerlines.