



101 California Street, Suite 1000, San Francisco, CA 94111-5894

415/397-5600

August 31, 1984
84056.030

50-445

Mrs. Juanita Ellis
President, CASE
1426 S. Polk
Dallas, Texas 75224

Subject: Communications Report Transmittal #10
Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4
Texas Utilities Generating Company
Job. No. 84056

Dear Mrs. Ellis:

Enclosed please find telecons associated with the Phase 4 Independent Assessment Program.

If you have any questions or desire to discuss any of these documents, please do not hesitate to call either me or Donna Oldag.

Very truly yours,

N. H. Williams
Project Manager

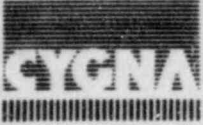
Attachments

cc: Mr. D. Wade (TUGCO) w/attachments
Mr. S. Treby (USNRC) w/attachments
Ms J. Van Amerongen (TUGCO/EBASCO) w/attachments
Mr. D. Pigott (Orrick, Herrington & Sutcliffe) w/o
Mr. S. Burwell (USNRC) w/attachments

8409060315 840831
PDR ADOCK 05000445
A PDR

San Francisco Boston Chicago Richland

2222
/1
USE ATTACHED LIST LIST



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	July 19, 1984
Subject:	Design Input	Time:	9:00 a.m.
		Place:	Gibbs & Hill N.Y.
Participants:	D. Smedley, A. Jones	of	Cygna
	P. Huang		Gibbs & Hill

Item	Comments	Required Action By
	<p>Dave Smedley and A. Jones met with Peter Huang in regard to missing references on structural calculations SCS-103C Set 2 Revisions 1 and 0 and SCS-113C Set 3 Revisions 3, 2, 1 and 0.</p> <p>When asked why there were no references to design input on these calculations, Peter stated that back in 1979 when they were initiated, the procedure in effect at that time did not require listing of references and that it was common practice not to list references at the time. He also stated that the calculations as prepared were initiated in accordance with AISC requirements and that they were referenced in the FSAR. He also stated that the FSAR and AISC were not referenced in these calculations.</p>	

Signed: *N. Williams* /jam Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, S. Bibo, D. Smedley, A. Jones, S. Treby,
J. Ellis, S. Burwell, Project File



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	8/9/84
Subject:	Request for Issue Dates of Calculations	Time:	11:00 a.m.
		Place:	Boston
Participants:	A. E. Jones	of	Cygna
	Shaid Ali		Brown & Root

Item	Comments	Required Action By
1.	<p>I called Shaid Ali of Q.A. at the site and requested job engineers sign off dates for calculations IV-4 Rev. 1 and VIII-5 sheets 2 of 11.</p> <p>Shaid called and gave me design verification dates as follows:</p> <p>IV-4 Rev. 1, 12/11/79 (Calculation was dated 5/7/79).</p> <p>VIII-5 Rev. 3, 8/22/83 (Calculation was dated 3/7/79).</p>	



Communications Report

Company: Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 8/7/84 & 8/14/84
Subject: Issue Date of Gibbs & Hill Specifications	Time: 3:30 p.m.	Place: Boston
Participants: S. Bibo	of Cygna	
Borys Czarnogorski	Gibbs & Hill	
A. Jones	Cygna	

Item	Comments	Required Action By
	<p>I called Borys and requested the "issue date" of the following specifications:</p> <ul style="list-style-type: none"> MS-611B, Rev. 0, Rev. 1 MS-611A, Rev. 0, Rev. 1 MS-600, Rev. 0, Rev. 1, Rev. 2, Rev. 3, Add. 1, 2, 3, 4, 5, 6, 7, 8, Rev. 4, Add. 1 and 2 MS-605, Rev. 0, Add. 1, Rev. 1, Add. 1, Rev. 2 MS-615, Rev. 0, Rev. 1, Add. 1 MS-620, Rev. 0, Rev. 1, Add. 1, 2, 3 and 4 MS-616, Rev. 0, Rev. 1 MS-624, Rev. 0, Rev. 1, Add. 1, 2, 3 and 4 ES-7, Rev. 0, Add. 1 and 2, Rev. 1, Add. 1 ES-13A, Rev. 0, Rev. 1, Add. 1 and 2 ES-13B.1, Rev. 0, Rev. 1, Add. 1 and 2 ES-5, Rev. 0, Rev. 1, Add. 1 ES-11, Rev. 0, Rev. 1 <p>Borys called back on 8/14/84 and gave the requested information to A. Jones.</p>	

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, S. Bibo, D. Smedley, A. Jones, S. Treby,



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	7/18/84
Subject:	Calculations for Evaluation of DCA 2769, Rev. 4	Time:	12:15 p.m.
		Place:	CPSES Site
Participants:	Peter Huang	of	Gibbs & Hill, N.Y.
	John Russ		Cygn

Item	Comments	Required Action By
	I asked Mr. Huang to provide an explanation of the numbering of the supports (type SP-7 with brace) that are listed on sheets 142 to 171 of SCS-101C, Set 3. Mr. Huang replied that the support numbers are as listed in DCA 2769, Rev. 4.	

Signed: W. Williams /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,
S. Burwell, Project File

1020.01a



Communications Report

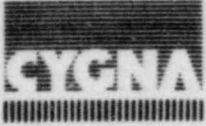
Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	7/19/84
Subject:	Cable Tray Support Drawing Request	Time:	10:10 a.m.
		Place:	CPSES Site
Participants:	Bill Horstman	of	Cygna
	Diana Overton		DCC

Item	Comments	Required Action By
	Cygna asked for and received a copy of the following Cable Tray Support drawing: FSE-00159, sht 5616.	

Signed: *N.A. Williams* Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,

1020 01a S. Burwell, Project File



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 7/19/84

Subject: Drawing Request

Time: 11:00 a.m.

Place: CPSES Site

Participants: Richard Beals

of Brown & Root (DCC)

John Russ

Cygna

Item	Comments	Required Action By
	<p>Cygna requested and received the following drawings:</p> <ul style="list-style-type: none"> 2323-S-0901 2323-S-0902 2323-S-0903 2323-S-0904 2323-S-0905 	

Signed: *N.A. Williams*

/jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4
Job No. 84056
Date: July 16, 1984

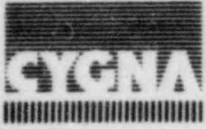
Subject: Cable Tray Drawing Requests
Time: 10:00 AM
Place: CPSES Site

Participants: Diane Bleeker of B&R DCC
Bill Horstman Cygna

Item	Comments	Required Action By
•	<p>Please provide two prints each of the following drawings:</p> <p style="text-align: center;">FSE-00174 FSE-00176 FSE-00185</p> <p>(Reduce prints to approximately 18" by 24" if possible.)</p>	<p>Received July 16, 1984, 1:00 PM.</p>

Signed: *N.W. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4
Job No. 84056
Date: 6/14/84

Subject: Cable Tray Support Review
Time: 10:40 am
Place: G&H, NY

Participants: Peter Huang of G&H
John Russ CES

Item	Comments	Required Action By
	<p>Cygn requested the location of Richmond allowables used in conduit and cable tray support designs prior to the issuance of specification 2323-SS-30, Rev. 0.</p> <p>Mr. Huang stated that the allowables appear in SCS-101C, Set 5.</p>	

Signed: *N. Williams* /ss Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, S. Burwell, J. Ellis,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independen: Assessment Program - Phase 4	Job No: 84056	Date: 6/14/84
Subject: Electrical Review	Time: 11 AM	Place: G&H offices
Participants: P. N. Lalaji	of	G&H
T. R. Martin		Cygna

Item	Comments	Required Action By
	<p>Paul provided letter GTN-40107 "Instantaneous Breaker Trip Setting Positions," which contains the instantaneous trip settings for MCC 1EB3-1 (the MCC providing power for the CCWS motor operated valves being reviewed).</p> <p>Paul explained that these set points are the Gibbs & Hill recommended set points but are not final. The document contains recommended set points and criteria that must be satisfied if it is desired to change these set points during the testing phases of construction.</p> <p>Gibbs & Hill's final issue of the one line drawings were issued with the instantaneous set point settings on hold, and the site will revise the drawings to indicate the final set point.</p>	



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4

Job No: 84056

Date: 4/5/84

Subject: Cable Tray Document Request

Time: 12:45 pm

Place: CPSES Site

Participants: D. Bleeker

of Brown & Root

J. Russ

Cygna

Item	Comments	Required Action By																
Reference:	Conference Report dated 5 April 1984, "Cable Tray Document Request," D. Bleeker, N. Munoz, C. Crowe and J. Russ participating																	
	Per the request of the referenced conference report, Cygna received the following CMCs:																	
	<table border="0"> <thead> <tr> <th><u>CMC No.</u></th> <th><u>Revision</u></th> </tr> </thead> <tbody> <tr> <td>8585</td> <td>0, 1, 2, 3</td> </tr> <tr> <td>30452</td> <td>0, 1</td> </tr> <tr> <td>30878</td> <td>0, 1, 2, 3, 4, 5, 6</td> </tr> <tr> <td>36543</td> <td>0, 1, 2, 3, 4</td> </tr> <tr> <td>48844</td> <td>0, 1, 2, 3, 4, 5</td> </tr> <tr> <td>53778</td> <td>0, 1, 2</td> </tr> <tr> <td>64341</td> <td>0</td> </tr> </tbody> </table>	<u>CMC No.</u>	<u>Revision</u>	8585	0, 1, 2, 3	30452	0, 1	30878	0, 1, 2, 3, 4, 5, 6	36543	0, 1, 2, 3, 4	48844	0, 1, 2, 3, 4, 5	53778	0, 1, 2	64341	0	
<u>CMC No.</u>	<u>Revision</u>																	
8585	0, 1, 2, 3																	
30452	0, 1																	
30878	0, 1, 2, 3, 4, 5, 6																	
36543	0, 1, 2, 3, 4																	
48844	0, 1, 2, 3, 4, 5																	
53778	0, 1, 2																	
64341	0																	

Signed: *N.A. Williams*

Page 1 of 1

Distribution: D. Wade, N. Williams, G. Grace, B. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Electric Station Job No. 84056

Independent Assessment Program - Phase 4 Date: 5/18/84

Subject: Request for CPSES QA Procedures Time: 8:45 a.m.

Place: SFRO

Participants: J.D. Laurie of CES

R. Baker TUGCO/TUSI

Item	Comments	Required Action By
	Laurie requested and Baker agreed to provide the following procedures, and all revisions thereto, to Cygna representatives at CPSES on Monday, May 21, 1984.	
	<u>Procedures</u> CP-QP-11.07 CP-QP-11.13 CP-QP-11.16 CP-QP-15.04 QI-QP-11.10-02 QI-QP-11.13-01	TUGCO/TUSI

Signed: *N.A. Williams* /eam Page 1 of 1

Distribution: N. Williams, D Wade, G. Grace, S. Burwell, S. Bibo, S. Treby, J. Ellis,

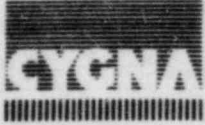


Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/18/84
Subject: CMC Review	Time: 9:00 a.m.	Place: CPSES Site
Participants: Francisco O'Neill	of Gibbs & Hill	
Bill Horstman	Cygna	

Item	Comments	Required Action By
	Please provide copies of the "Design Review Checklists" for the following CMC's:	Received 7/18/84 11:00 AM
01078 Rev. 0	88240 Rev. 2	08278 Rev. 4
04550 Rev. 2	53785 Rev. 0	06114 Rev. 6
30282 Rev. 1	80282 Rev. 0	88568 Rev. 1
01888 Rev. 0	02663 Rev. 4	30452 Rev. 1
01887 Rev. 0	80283 Rev. 0	04534 Rev. 3
09916 Rev. 1	12179 Rev. 0	06961 Rev. 1
58275 Rev. 0	80284 Rev. 0	80294 Rev. 0
01974 Rev. 1	93232 Rev. 1	90714 Rev. 2
74945 Rev. 3	32513 Rev. 4	8285 Rev. 1
56315 Rev. 2	03631 Rev. 1	85720 Rev. 4
3313 Rev. 0	35537 Rev. 3	90702 Rev. 0
30285 Rev. 5	53778 Rev. 2	90715 Rev. 0
68386 Rev. 1	91716 Rev. 1	
90727 Rev. 5	11062 Rev. 4	
61806 Rev. 2	44519 Rev. 1	
08528 Rev. 2		
00164 Rev. 4		

Signed: *N.A. Williams* /jm Page 1 of 1
 Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Eiection Station Job No. 84056
Independent Assessment Program - Phase 4 Date: 7/30/84

Subject: Document Request Time: 10:10 AM
Place:

Participants: George Grace of TUSI
T. R. Martin Cygna

Item	Comments	Required Action By
	Requested inspection report IR No. E1-000-3045, item 591 from George.	

Signed: *W.A. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, E. van Stijgeren, T. Martin, S. Treby,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: 7/31/84

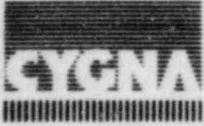
Subject: Document Request Time: 11:10 EDT
Place:

Participants:	P. Lalaji	of	Gibbs & Hill
	S. Martinovich		Gibbs & Hill
	T. R. Martin		Cygna

Item	Comments	Required Action By
	<p>Requested copies of the following documents from Gibbs & Hill:</p> <ol style="list-style-type: none"> Motor-operated valves 1-HV-4512, -14, -24, -26, -72 and -74 vendor data on motor operators. Vendor data on CCW pump motor CP1-CCAPCC-01M. Latest revision of sheets K9 and K10 of calculation 2323-V-12 for the above motor-operated valves. Sam informed me that settings in this calculation are recommendations. 	

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, T. Martin, R. Hess, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No. 84056	Date: August 13, 1984
Subject: Cable Tray Supports Review Request for Calculations for Affected CVC's	Time: 3:00 PM	Place: CES-SFRO
Participants: G. Grace	of TUGCO (EBASCO)	
N. Williams	Cygna	

Item	Comments	Required Action By
	<p>Reference (1) N. H. Williams (Cygna) letter to J. B. George (TUGCO), "Request for Calculations for Affected CVC's," July 31, 1984, 84056.011</p> <p>(2) L. M. Popplewell (TUGCO) letter to N. H. Williams (Cygna), "Cygna Review Questions," August 11, 1984.</p> <p>I called George to tell him that the reference (2) response to the Cygna reference (1) letter appears to be incomplete. Reference (1) requested "applicable calculation sheets for all revisions of CMC's and DCA's listed . . ." Only the latest revision was included in the reference (2) response. The previous revisions are necessary since later revisions to CMC's and DCA's may not require calculations but rather rely on calculations from previous revisions. George replied that TUGCO has gone through the previous revisions and have included any calculations from these revisions.</p> <p>In addition, as noted in the TUGCO response, certain calculations will have to be sent from the G&H New York offices. Cygna reviewed these missing calculations and has concluded that the following should be sent to Cygna:</p> <p style="padding-left: 40px;">SCS-101C, Set 3 (CMC 6187) SCS-140C, 2/8 (CMC 12152) SCS-106C (CMC 2915)</p>	

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	7/19/84
Subject:	Document Request - Cable Tray Supports	Time:	8:30 a.m.
		Place:	CPSES Site
Participants:	Janelle Burkeen	of	TUGCO
	John Russ		Cygn

Item	Comments	Required Action By
	<p>Reference: 1) Conference report dated 7/18/84, 1:10 a.m., "Document Request," J. Burkeen and J. Russ participating.</p> <p>2) Conference report dated 7/18/84, 4:30 p.m., "Document Request," J. Burkeen and B. Horstman participating.</p> <p>Cygn received the documents requested in the referenced conference reports.</p>	



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 7/18/84

Subject: Document Request

Time: 2:45 p.m.

Place: CPSES Site

Participants: Diana Overton

of Brown & Root (DCC)

John Russ

Cygna

Item	Comments	Required Action By
	<p>Cygna requested the following drawings:</p> <p style="text-align: center;">2323-S-0929 TNE-S1-0901-02 TNE-S1-0902-02 TNE-S1-0930-02</p> <p>Cygna received these drawings as well as the following DCA's:</p> <p style="text-align: center;">20331 20466 20506</p>	

Signed: *N.A. Williams*

/jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	7/18/84
Subject:	Specification of Base Connection Details for Cable Tray Supports	Time:	2:30 p.m.
		Place:	CPSES Site
Participants:	Tom Keiss	of	TUGCO
	John Russ		Cygna

Item	Comments	Required Action By
	<p>I asked Mr. Keiss how or where base connection details are specified for cable tray supports. Mr. Keiss stated that the contractor may choose any connection allowed by the Gibbs & Hill design drawings. QC will later verify the acceptability of the connection selection.</p> <p>According to Mr. Keiss Gibbs & Hill drawing 2323-S-0929 was developed to aid the contractor in selecting the connection details. This drawing was later transferred to a TNE drawing, number TNE-S1-0901-02.</p>	

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: 7/18/84

Subject: Pipe Support Calculation Package Request Time: 5:00 p.m.
Place: CPSES Site

Participants:	Terry Kerlin	of	TUGCO
	John Russ		Cygna
	Bill Horstman		Cygna

Item	Comments	Required Action By
	Cygna requested and received pipe support calculation package SW-1-004-015-A33R. Cable tray support 13131 is attached to this support.	

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4 Job No. 84056
Date: 7/18/84

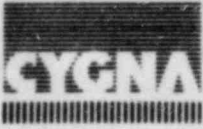
Subject: Document Request Time: 4:30 p.m.
Place: CPSES Site

Participants: Janelle Burkeen of TUGCO
Bill Horstman of Cygna

Item	Comments	Required Action By																		
	Cygna requested copies of the following calculations:																			
	<table border="1"> <thead> <tr> <th><u>Binder</u></th> <th><u>Set</u></th> <th><u>Sheets</u></th> </tr> </thead> <tbody> <tr> <td>SCS-133C</td> <td>1</td> <td>12, 13</td> </tr> <tr> <td>SCS-137C</td> <td>2</td> <td>4, 5</td> </tr> <tr> <td>SCS-210C</td> <td>8</td> <td>15, 16</td> </tr> <tr> <td>SCS-212C</td> <td>7</td> <td>4-11</td> </tr> <tr> <td>SCS-1240</td> <td>1</td> <td>6-9</td> </tr> </tbody> </table>	<u>Binder</u>	<u>Set</u>	<u>Sheets</u>	SCS-133C	1	12, 13	SCS-137C	2	4, 5	SCS-210C	8	15, 16	SCS-212C	7	4-11	SCS-1240	1	6-9	
<u>Binder</u>	<u>Set</u>	<u>Sheets</u>																		
SCS-133C	1	12, 13																		
SCS-137C	2	4, 5																		
SCS-210C	8	15, 16																		
SCS-212C	7	4-11																		
SCS-1240	1	6-9																		

Signed: *N.A. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: 7/18/84

Subject: Document Request Time: 1:10 p.m.
Place: CPSES Site

Participants: Janelle Burkeen of TUGCO
John Russ Cygna

Item	Comments	Required Action By								
	Cygna requested copies of the following calculations from binder SCS-101C:									
	<table border="0"> <thead> <tr> <th><u>Set</u></th> <th><u>Sheets</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>30</td> </tr> <tr> <td>2</td> <td>44-48, 70-87</td> </tr> <tr> <td>3</td> <td>1-2, 11-15, 39, 41, 46, 52, 54, 56, 60-71</td> </tr> </tbody> </table>	<u>Set</u>	<u>Sheets</u>	1	30	2	44-48, 70-87	3	1-2, 11-15, 39, 41, 46, 52, 54, 56, 60-71	
<u>Set</u>	<u>Sheets</u>									
1	30									
2	44-48, 70-87									
3	1-2, 11-15, 39, 41, 46, 52, 54, 56, 60-71									

Signed: *N.W. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities

Telecon Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 7/18/84

Subject: Request for Calculations

Time: 9:30 a.m.

Place: CPSES Site

Participants: Janelle Burkeen

of TUGCO

John Russ

Cygn

Item	Comments	Required Action By
	<p>Cygn requested and received copies of the following calculation sheets from binder SCS-101C, set 3:</p> <ol style="list-style-type: none"> 1. Sheets 130-132 2. Sheets 136-140 3. Sheets 142-180 	

Signed: *W.A. Williams*

/jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 7/18/84

Subject: Open Nonconformance Reports (NCR's) Against
Cable Tray and Conduit Supports

Time: 11:45 a.m.

Place: CPS&S Site

Participants: Donna Lewellen

of TUGCO

John Russ

Cygn

Item	Comments	Required Action By
	<p>Reference: Telecon dated 7/17/84, "Nonconformance Reports (NCR's) Against Cable Tray and Conduit Supports," D. Lewellen and J. Russ participating.</p> <p>Cygn received the listing requested in the referenced conference report.</p>	

Signed: *N.A. Williams*

/jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/18/84
Subject: Cable Tray Support Calculations	Time: 11:15 a.m.	Place: CPSES Site
Participants: Janelle Burkeen	of	G&H Duplicate Files
Bill Horstman		Cygna

Item	Comments	Required Action By
	Copies of sections of the cable tray support design calculations listed on the following page were requested.	

In order to receive a copy of Duplicate File documents, recipient agrees to destroy after using and that no copies shall be made of the document.

Documents requested:

- 1. SCS-137C Set 1, SHT 12, 13, 40, 50, 51
- 2. SCS-138C Set 1 SHT 11
- 3. SCS-134C Set 5 SHT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
- 4. SCS-134C Set 1 SHT 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
- 5. SCS-134C Set 8 SHT 1, 5
- 6. SCS-134C Set 9 SHT 8, 10
- 7. SCS-133C Set 5 SHT 13
- 8. SCS-133C Set 5 SHT 16

Bill Hoffman CUBA Emb. Service 7 3 32
 Signature Dept. Date

- 9. SCS-134C Set 1, SHT 19
- 10. SCS-137C, Set 2, SHT 10, 11
- 11. SCS-133C, Set 1, SHT 20, 21
- 12. SCS-210C, Set 10, SHT 7



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	August 7, 1984
Subject:	Conduit Clamp Analysis Questions	Time:	11:10 AM
		Place:	SFRO
Participants:	Peter Huang	of	Gibbs & Hill
	Rena Sanders		Gibbs & Hill
	John Russ		Cygna

Item	Comments	Required Action By
1.	<p>Reference: Gibbs & Hill letter from R.E. Ballard to J.B. George, Texas Utilities, GTN 69280, dated 20 July 1984.</p> <p>During the review of calculation sheets 131-184 of SCS-156C, set 1, which were transmitted by the referenced letter, Cygna noted several items which required clarification from Gibbs & Hill. To resolve any confusion over those items Cygna spoke with Mr. Huang and Ms. Sanders. The questions by Cygna and the responses by Gibbs & Hill appear below.</p> <p>Cygna: The calculations ignore the weight due to the thermolag fire barrier. How do the calculations assure that the allowable loads on conduit support clamps are not exceeded when the fire barrier is added to the conduit runs?</p> <p>G&H: Fire protected conduit lines are checked on a case by case basis. If the allowable loads on a specific support are exceeded, the support is checked to assure the adequacy of the support. The excessive loads are reduced by decreasing the tributary spans to the supports.</p> <p>The clamp calculations are also conservative as they consider maximum unprotected spans and maximum accelerations in general; fire-protected lines are at lower elevations which have lower acceleration values.</p>	



Communications Report

Item	Comments	Required Action By
2.	<p>Cygna stated that they would consider Gibbs & Hill's reply and check those fire protected spans under its review. Hope to verify that the tributary support loads are below the clamp analysis results.</p> <p>Cygna: The review of the calculations on the shim plate to which the Nelson studs are attached (reference sheets 135-150 of SCS-156C, set 1) noted that a check of shim plate bending stresses was not performed. A check of plate bending stresses by Cygna shows stresses well above the allowable levels. Large deformations were also noted. Based on these calculations, Cygna concluded that the applied Nelson pretension was less than actually used in Gibbs & Hill's calculations. The reduction in pretension was due to the shim plate deformation. Cygna suggested a revised calculation to more accurately predict the actual pretension load in the Nelson stud and the plate stresses and deformations. An iterative technique considering clamp, stud and shim plate stiffnesses was suggested.</p> <p>G&H: The torque values used to calculate pretensions were the maximum allowed values. The plate was assumed to be critical in shear, therefore bending was not checked. Gibbs & Hill will re-examine the shim plate to consider the effects discussed by Cygna.</p>	Gibbs & Hill
3.	<p>Cygna: Gibbs & Hill's calculations reference CPPA-21620 which documents the results of a test program for Nelson studs at Comanche Peak. What was the nominal yield stress of the studs tested?</p> <p>G&H: The studs had a nominal yield stress of 50 KSI.</p>	
4.	<p>Cygna: Gibbs & Hill's calculations used the following equations for Nelson stud allowables and interaction:</p> $F_v = 0.30 F_y \quad (\text{shear})$ $F_T = 0.72 F_y \quad (\text{tension})$ $\left(\frac{f_{v1}}{F_v}\right)^2 + \left(\frac{f_{v2}}{F_v}\right)^2 + \left(\frac{f_T}{F_T}\right)^2 < 1.0 \quad (\text{interaction})$ <p>What is the basis for these equations?</p> <p>G&H: The allowable equation for shear is taken from the FSAR while the tensile allowable equation is based on</p>	



Communications Report

Item	Comments	Required Action By
5.	<p data-bbox="520 374 1348 470">the test results reported in CPPA-21620. The interaction equation is the equation for bolts from the AISC specifications.</p> <p data-bbox="327 506 1379 729">Cygn: Allowable loads based on the results of tests of unistrut components are used to qualify unistrut clamps which are attached to supports using bolts other than unistrut bolts. The unistrut test results are based on components which are totally and uniquely unistrut. What is the basis for using these test results to qualify components other than unistrut?</p> <p data-bbox="327 761 1379 857">G&H: The unistrut test values provide a lower-bound on the capacities of the materials actually used and their use is therefore conservative.</p>	
6.	<p data-bbox="327 900 1379 1219">Cygn: For the slip through condition of clamp failure, the Unistrut Test Report stated that the failure mode was one in which the clamped pipe displaced through the clamp a specified distance. Gibbs & Hill's calculations state that the clamp was not a concern, but rather the bolts were. While Cygn does not disagree with the statement regarding the clamp, we do believe the bolts are not the controlling item on which the clamp allowables are based. Please provide the basis of your statement.</p> <p data-bbox="327 1251 1379 1378">G&H: It is our interpretation that the bolts were the controlling factor. We will rereview the Unistrut test results to assess the accuracy of the calculation's statement.</p>	



Communications Report

Company: Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/30/84 - 8/3/84
Subject: Request for Issue Dates of Calculations	Time: 2:00 p.m.	Place: Boston/San Francisco
Participants: A. E. Jones	of Cygna	
Sam Martinovich	Gibbs & Hill	

Item	Comments	Required Action By
1.	<p>I called Sam Martinovich on Monday and requested two issue dates on calculations IV-4 Rev. 1 and VIII-5 sheets 2 of 11.</p> <p>Sam told me he had requested the information from the Q.A. Department of Gibbs & Hill. I told Sam I was leaving for San Francisco that day and would call him from there.</p> <p>On Friday at approximately 10:00 a.m., I called Sam from San Francisco and again requested the dates. He told me the Q.A. Dept. did not have them and my best bet was to call Shaid Ali of Q.A. at the site.</p>	



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: July 13, 1984

Subject: Cable Tray Support Modification Design Review Time: 10:00 AM
Place: CPSES Site

Participants: Tom Keiss of Gibbs & Hill
Tom Liao Gibbs & Hill
Bill Horstman Cygna

Item Comments Required Action By

I requested that Mr. Keiss show me how to locate engineering calculations justifying changes made to cable tray supports by CMCs/DCAs. He told me that his group generated such calculations for CMCs/DCAs, but that what he had on file had not been design reviewed. He introduced me to Mr. Tom Liao of G&H site design review group, who has access to the reviewed calculations.

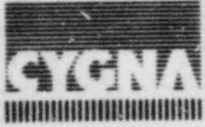
A discussion with Mr. Liao revealed the following:

1. Previous to September 1983, design reviews were performed by G&H New York office. Copies of these calculations are available from Ms. Janelle Burkeen (ext. 774) on site.
2. To determine what calculations pertain to a specific CMC/DCA, one must look up the document in a computer output labeled "TUGCO-CPSES CMC Condensed Master Index, Gibbs & Hill Structural," Report CPRS01, November 14, 1983. This gives the approval date for a CMC and a list of reference calculations, if any were performed. It should be noted that for some CMCs, simple calculations were done as a one- or two-page attachment to the CMC and will not be listed in the report. To obtain copies of these CMCs, their calculations, and the "Structural Design Review Checklist," contact Francisco O'Neill of G&H on-site.
3. For CMCs reviewed after September 1983, all design reviews were performed on-site. The review date for these can be found in the June 9, 1984, printout of the master index (described in Item 2). This, however, doesn't reference a calculation. To find the calculation number, one must check

Signed: N.A. Williams Page 1 of 2
/jm

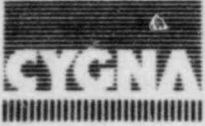
Distribution: N. Williams, D. Wade, J. Van Amerongen, R. Hess, J. Russ, S. Treby, J. Ellis,

S. Burwell, Project File



Communications Report

Item	Comments	Required Action By
	<p>the "Design Review Checklist." Mr. Liao has copies of these checklists in his office, and also has copies of all referenced calculations.</p>	



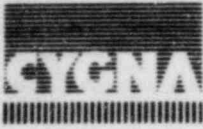
Communications Report

Company: Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No. 84056	Date: July 17, 1984
Subject: Nonconformance Reports (NCRs) Against Cable Tray and Conduit Supports	Time: 11:45 AM	Place: CPSES Site
Participants: Charles Osborn (ext. 723)	of TUGCO	
John Russ	Cygna	

Item	Comments	Required Action By
	<p>I requested that Mr. Osborn provide Cygna with a list of all closed-out NCRs versus building for the following buildings:</p> <ol style="list-style-type: none"> 1. Safeguards 2. Auxiliary 3. Electrical Control <p>Mr. Osborn stated that the listing would be ready at the beginning of the week of July 23, 1984.</p>	TUGCO

Signed: *W.A. Williams* /jm Page 1 of 1

Distribution: Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4
Job No. 84056
Date: July 17, 1984

Subject: Cable Tray Fire Protection
Time: 10:00 AM
Place: CPSES Site

Participants: Tom Keiss of
Bill Horstman Cygna

Item	Comments	Required Action By
	<p>I spoke with Tom regarding calculations for the effects of fire protection on cable trays. He told me that his group had performed some calculations, but these were not "design reviewed". I provided him with a list of the tray segments in our scope and requested that he provide the CPPA number corresponding to the tray segment, and copies of his applicable calculations.</p>	<p>These documents were received or July 18, 1984</p>

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No 84056

Date: July 12, 1984

Subject: Pipe Stress Analysis

Time: 3:00 PM

Place: CPSES Site

Participants: Gary Krishnan

of Gibbs & Hill Site Stress Group

Bill Horstman

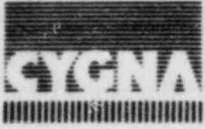
Cygn

Item	Comments	Required Action By
1.	Please provide a copy of the ADLPIPE output for pipe stress problem AB-1-91.	Received July 13, 1984
2.	Please provide the allowable stresses used in the analysis in Item 1. (Note: Above items requested by telephone call from Lee Weingart.)	

Signed: *NH Williams*

/jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: 7/18/84

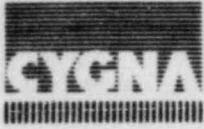
Subject: Cable Tray Support Drawing Time: 8:30 a.m.
Place: CPSES Site

Participants: Norman Munoz of DCC
Bill Horstman Cygna

Item	Comments	Required Action By
	Cygna asked for and received one copy of cable tray support drawing FSE-00159, sheet 13131.	

Signed: *N.A. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell.



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	7/17/84
Subject:	Nonconforming Reports (NCR'S) against Cable Tray and Conduit Supports	Time:	11:30 am
		Place:	CPSES site
Participants:	Donna Lewellen (ext. 325)	of	TUGCO
	John Russ		Cygna

Item	Comments	Required Action By
	<p>I asked Ms. Lewellen if it was possible for her to provide a computer sort of NCR's versus component numbers, e.g., cable tray and conduit supports. Ms. Lewellen stated that her section was responsible for open NCR's. She also stated that she could not provide a sort against component numbers but could provide a sort against buildings. I asked her to provide a sort for the following buildings:</p> <ol style="list-style-type: none"> 1. Safeguards 2. Auxilary 3. Electrical Control <p>Ms. Lewellen stated that Mr. Charles Osborn (ext. 723) could provide a sort of all closed NCR's versus buildings.</p>	

Signed: *N.A. Williams* /jhs Page 1 of 1
 Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 8/3/84

Subject: Base Plate Fabrication
and Nelson Studs

Time: 10:00 a.m.

Place: CES/SFRU

Participants: Tom Keiss

of TUGCO

John Russ

Cygn

Item	Comments	Required Action By
	<p>I asked Mr. Keiss how the base plates for cable tray and conduit supports were fabricated to size at CPSES. Mr. Keiss replied that the plates were sawcut to size.</p> <p>I also requested Mr. Keiss to provide Cygna with a copy of the test report on Nelson studs as referenced in CPPA 21620.</p>	TUGCO

Signed: *W.A. Williams*

/jw

Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/17/84
Subject: Nonconformance Reports (NCR's) Against Cable Tray and Conduit Supports	Time: 9:30 a.m.	Place: CPSES Site
Participants: Tom Keiss	of TUGCO	
John Russ	Cygna	

Item	Comments	Required Action By
	<p>I spoke to Mr. Keiss regarding the disposition of NCR's against cable tray and conduit supports. Specifically, I asked how NCR's are closed out by Engineering. Mr. Keiss stated that NCR's are placed in the proper support package and given to the paper flow group. The package is then transmitted to Engineering for evaluation.</p>	

Signed: *N. Williams* /jm Page 1 of 1
 Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/5/84
Subject: Drawings for Tom Martin	Time: 3:30	Place: CPSES Site
Participants: Diane Bleeker	of B&R DCC	
Norman Munoz	B&R DCC	
Bill Horstman (x 226)	CES	

Item	Comments	Required Action By
1.	Please provide one copy of the current revision of Gibbs & Hill drawing: 2323-E1-0173-01.	These documents were received on July 6, 1984, 1:30 PM
2.	Please provide copies of all change documentation (CMCs, DCAs) against drawing in Item 1.	



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: July 3, 1984

Subject: Cable Tray Support Change Documentation Time:
Place: CPSES Site

Participants: Diane Bleeker of B&R DCC
Bill Horstman CES

Item	Comments	Required Action By											
* 1.	Please provide copies of the current revision of the following CMCs: <table border="0"> <tr><td>93450</td><td>31199</td><td>9901</td></tr> <tr><td>39450</td><td>3199</td><td></td></tr> <tr><td>32053</td><td>2187</td><td></td></tr> </table>	93450	31199	9901	39450	3199		32053	2187		These documents were received on July 4, 1984, 9:45 AM		
93450	31199	9901											
39450	3199												
32053	2187												
2.	Please provide copies of the current revision of the following DCAs: <table border="0"> <tr><td>6299</td><td>32053</td><td>5347</td></tr> <tr><td>17838</td><td>17838</td><td>17847</td></tr> <tr><td>17842</td><td>17729</td><td>11729</td></tr> <tr><td>3464</td><td>3063</td><td></td></tr> </table>	6299	32053	5347	17838	17838	17847	17842	17729	11729	3464	3063	
6299	32053	5347											
17838	17838	17847											
17842	17729	11729											
3464	3063												

Signed: *N. Williams* /jm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: July 4, 1984

Subject: Change Documentation for Cable Tray Supports

Time:

Place: CPSES Site

Participants: Diane Bleeker

of B&R DCC

Bill Horstman

CES

Item	Comments	Required Action By
1.	Please provide copies of the current revision of all CMCs and DCAs (not just the "Open Design Change Log" items) for drawing 2323-S-0919.	These Documents were received or July 5, 1984, 2:00 PM
2.	Please provide copies of the current revision of the CMCs and DCAs for the listed drawings:	
	2323-S-0901 2323-S-0902	2323-S-0903 2323-S-0904
	(Note: I received the CMCs listed on the "Open Design Change Log" on July 2, 1984, so please provide only the documents which are no longer "open".)	

Signed:

/jm

Page 1

of

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: June 28, 1984

Subject: Piping Drawing Request

Time: 12:50 PM

Place: CPSES

Participants: Norm Munoz of B&R - DCC

John Russ CES

Item	Comments	Required Action By
	<p>Cygn requested 2 copies of the latest revision of the BRP and BRHL drawings listed on the attached sheets.</p>	<p>Received June 29, 1984, 1:45 PM.</p>

Date No.

MS-1750-016
 017
 018
 019
 020
 021
 022
 023
 024
 025
 026
 027
 028
 029
 030
 031
 032
 033
 034
 035
 036
 037
 038
 039
 040
 041
 042
 043
 044
 045
 046
 047
 MS-1-101
 002
 003
 004
 CC-1-100-007
 013
 049
 50-001
 002
 003

BAP RW.

10
 10
 10
 07
 77
 87
 77
 67
 66
 77
 77
 77
 67
 07
 77
 10
 77
 00
 19
 10
 12
 10
 15
 70

BHM RW.

22
 22
 21

15 22 9 5 5 5 5 5

23-C-628C.1

BCHM Rev.

762-02N

OSR Rev.

14
11
97
16

MB.

CC-1-MB-005
006
007
010
CC-2-MB-001
005
009



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Election Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 6/29/84
Subject: Cable Tray Support Drawing Request, Electrical Drawing Request	Time: 2:30 PM	Place: CPSES
Participants: Norm Munoz	of	B&R DCC
Bill Horstman		CES
Diane Bleeker		B&R DCC

Item	Comments	Required Action By
1.	Cygna requested the following cable tray support drawings: FSE-00159, sht 332, 333, 3011 and 5608	Received July 2, 1984, 4:15 PM
2.	Cygna requested the following electrical drawings and specifications (see attached sheets)	(CMCs/DCAs received July 2, 1984, 2:30 PM) (Drawings received June 29, 1984, 4:00 PM) (2323-ES-11 received June 29, 1984, 4:00 PM) (E1-1700 received July 3, 1984, 10:30 AM)

Please Send THESE Documents to the
CHICAGO OFFICE c/o T.R. MARTIN

PG. 1 OF 2

CYGNA ENERGY SERVICES *Randy Uhlman*
150 W. WACKER DR.
SUITE 2450
CHICAGO, IL. 60606

6/29/84

DNGS. REQUESTED FROM C.P.S.E.S.

EI-0172-07 + CHANGE PAPER
EI-0172-08 + CHANGE PAPER
EI-0139 + " "
EI-0110 + " "
EI-0141 + " "
EI-0155 + " "

GENERAL ARRANGEMENT DRAWINGS OF SITE - NO CHANGE
EI-1700 SHEETS FOR THE FOLLOWING CABLES
NO CHANGE PAPER

EG 104404	AG 104543	EG 100615	EG 119643	EG 119665
104405	104544	100616	119644	119666
119909	119836	100617	119645	119673
119910	119837	104545	119646	119674
127583	119839	104546	119653	119675
127600	119842	104547	119654	119676
127601	119843	104548	119655	119683
127605	119845	104549	119656	119688
139743	EG 100040	104550	119663	119951
139750	100614	107009	119664	119952
				119953

PG. 2 of 2

Randy Uhl
6/29/84

+ CHANGE PAPER

EI-0037-13	+	"	"
-0043-16	+	"	"
-0054-21	+	"	"
-0061-15	+	"	"
-0080-04	+	"	"
-0080-08	+	"	"
-156	+	"	"
-172-08	+	"	"
-172-42	+	"	"
-173-01	+	"	"
-174-12	+	"	"
-175-05	+	"	"
-192	+	"	"
-0076 SH 15	+	"	"

Equipment Specification 2323-ES-11 with associate
change paper.



Communications Report

Company: Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station	Job No. 84056	
Independent Assessment Program - Phase 4	Date: August 8, 1984	
Subject:	Time: 11:00 AM	
Allowable Tray Span Tables	Place: SFRO	
Participants: Peter Huang	of Gibbs & Hill	
John Russ	Cygna	

Item	Comments	Required Action By
	<p>I spoke to Mr. Huang regarding the Tables of Allowable Cable Tray Spans for Fire Protected Trays. On Sheet 75 of calculation SCS-111C, set 7, a table lists the allowable tray spans for specified elevations of the safeguards building. I asked Mr. Huang if the spans specified were for trays suspended to the bottom of slab of the listed elevation or to the bottom of the slab immediately above the slab at the listed elevation. Mr. Huang stated that the spans were for those trays suspended from the slab immediately above the slab at the listed elevation.</p>	



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	8/8/84
Subject:	Pipe Support Questions	Time:	4:00 PM
	Reference: 8/8/84 3:30 PM Communications Report	Place:	CES-SFRO
Participants:	George Grace	of	TUGCO (EBASCO)
	Nancy Williams		CYGNA

Item	Comments	Required Action By
	<p>In response to the questions in the above referenced telecon, I supplied the following information:</p> <ol style="list-style-type: none"> I will send George a listing of the main steam supports which Cygna noted for warping and a diagram showing how the warping was measured. In addition, I mentioned that previous reviews of the TUGCO warping calculations were for constant warping along the length of the member. The concern here is with localized warping at the end of the tube where an attachment such as a clevis is located. We are trying to ensure that the tube still has the strength necessary at the attachment point given this localized deformation. Regarding the 2" deviation from the center line of a bolt in support drawing CC-1-028-024-S33R, I referred to section C-C, the lowest bolt in item 10. He said he would double-check this in the field. 	

Signed: *Nancy Williams* /jm Page 1 of 1

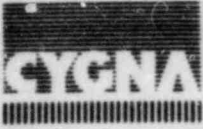
Distribution: D. Wade, C. Wong, G. Grace, N. Williams, J. Minichiello, S. Treby, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/2/84
Subject: Change Documentation for Cable Tray Supports	Time: 10:30 am	Place: CPSES Site
Participants: Diane Bleeker	of B&R DCC	
Bill Horstman (x 226)	CES	

Item	Comments	Required Action By
1.	Please supply copies of the current revision of following CMCs: 8283 91716 97798 99056 97792 48831 97128 97800 99057 97794 57211 97132 99050 99058 97825 57216 97143 99051 99096 97826 57325 97680 99052 99106 97887 71285 97681 99053 99180 52114 88568 90714 06961 81802	Received 7/3/84 8:30 AM.
2.	Please supply copies of the current revision of the following DCAs: 00413 001834 003710	
3.	Please supply copies of the current revisions of all CMCs and DCAs against the following drawings: 2323-S-0901 2323-S-0904 2323-S-0909 2323-S-0902 2323-S-0905 2323-S-0918 2323-S-0903 2323-S-0908	



Communications Report

Company: Texas Utilities

Telecon Conference Report

Project: Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4

Job No: 84056

Date: 7/11/84

Subject: Conduit Supports - Drawings

Time: 5:00 p.m.

Place: CPSES

Participants: Diane Bleeker

of DCC

Desmond Stevens (x226)

Cygn

Item	Comments	Required Action By
	Please supply Cygna with a copy of:	A.M. 7/12/84
Drawing 2323-S-0910	Sheet CSM - 42 Rev. 11	
" "	Sheet CA - 15 Revs. 16 and 18	
" "	Sheet CA - 5A Rev. 16	
" "	Sheet CSM - 18f Revs. 3 and 4	

Signed: *N. Williams*

/ljr Page 1 of 1

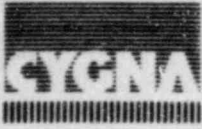
Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/11/84
Subject: Pipe Stress (BRP & BRHL Drawings)	Time: 4:15 p.m.	Place: CPSES
Participants: Diane Bleeker	of	DCC
Desmond Stevens (x226)		Cygna

Item	Comments	Required Action By																		
	<p>Please supply Cygna with two copies of the following drawings (BRP and BRHL Series):</p> <p>(Current Rev. & other as shown)</p> <table border="0"> <tr> <td><u>BRP Series</u></td> <td><u>BRHL Series</u></td> </tr> <tr> <td>CC-1-S-020 R.16</td> <td>CC-1-SB-020 R.5</td> </tr> <tr> <td>CS-1-SB-010 R.10</td> <td>CS-1-SB-010 R.1</td> </tr> <tr> <td>BR-1-SB-005 R.6</td> <td>BR-1-SB-005 R.1</td> </tr> <tr> <td>AF-1-YD-008 R.7</td> <td>AF-1-YD-008 R.1</td> </tr> <tr> <td>CO-1-YD-001 R.5</td> <td>CO-1-YD-001 R.0</td> </tr> <tr> <td>SW-2-AB-007 R.10</td> <td>SW-2-AB-007 R.3</td> </tr> <tr> <td>SW-2-AB-012 R.6</td> <td>SW-2-AB-012 R.6</td> </tr> <tr> <td>SW-2-SB-023 R.1</td> <td>SW-2-SB-023 R.2</td> </tr> </table>	<u>BRP Series</u>	<u>BRHL Series</u>	CC-1-S-020 R.16	CC-1-SB-020 R.5	CS-1-SB-010 R.10	CS-1-SB-010 R.1	BR-1-SB-005 R.6	BR-1-SB-005 R.1	AF-1-YD-008 R.7	AF-1-YD-008 R.1	CO-1-YD-001 R.5	CO-1-YD-001 R.0	SW-2-AB-007 R.10	SW-2-AB-007 R.3	SW-2-AB-012 R.6	SW-2-AB-012 R.6	SW-2-SB-023 R.1	SW-2-SB-023 R.2	A.M. 7/12/84
<u>BRP Series</u>	<u>BRHL Series</u>																			
CC-1-S-020 R.16	CC-1-SB-020 R.5																			
CS-1-SB-010 R.10	CS-1-SB-010 R.1																			
BR-1-SB-005 R.6	BR-1-SB-005 R.1																			
AF-1-YD-008 R.7	AF-1-YD-008 R.1																			
CO-1-YD-001 R.5	CO-1-YD-001 R.0																			
SW-2-AB-007 R.10	SW-2-AB-007 R.3																			
SW-2-AB-012 R.6	SW-2-AB-012 R.6																			
SW-2-SB-023 R.1	SW-2-SB-023 R.2																			



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Electric Station Job No: 84056
Independent Assessment Program - Phase 4 Date: 7/11/84

Subject: Conduit Supports - CMCs Time: CPSES
Place: 2:00 p.m.

Participants: Diane Bleeker of DCC
Desmond Stevens (x226) Cygna

Item	Comments	Required Action By
	Please supply Cygna with a copy of the most recent revision of the following CMCs: 37192 52532 55026 71092	P.M. 7/11/84

Signed: *W.A. Williams* /ljr Page 1 of 1

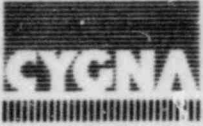
Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/10/84
Subject: Conduit Supports - CMCs and DCSS	Time: 1:00 p.m.	Place: CPSES
Participants: Steve Ellis (x611)	of	DCTG
Sylvia Nelson		DCTG
Desmond Stevens (x226)		Cygna

Item	Comments	Required Action By
	<p>Cygna requested a listing as specified below, for the following conduit supports:</p> <p>Drawing 2323-S-0910 Sheet CA-1a " CA-2a " CA-5a " CA-11a " CA-15 " CSD-16 " CSM-6b " CSM-18c " CSM-18d " CSM-18f " CSM-42 " CST-3 " CST-17 " IN-CSM-15a</p> <p>of i) All open CMCs ii) All open and closed DCAs</p> <p>DCTG's response was as follows:</p> <p>for i) NONE ii) DCA 3400 (R.4) open against 0910 Sheet CA-5a</p>	None



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 7/10/84

Subject: Conduit Supports, CMCs & DCAs

Time: 4:30 p.m.

Place: CPSES

Participants: Sylvia Nelson, Steve Ellis (x611)

of DCTG

Desmond Stevens (x226)

Cygna

Item	Comments	Required Action By
•	Please supply Cygna with a listing of all CMCs and DCAs (open and closed) for the following drawings and sheet numbers: 2323-S-0910 - Sheet CSD-1a " CSD-1b " CSD-2	7/11/84

Signed:

/ljr

Page 1

of 1

Distribution:

N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/10/84
Subject: Conduit Supports	Time: 1:30 p.m.	Place: CPSES
Participants: Diane Bleeker	of DCC	
Desmond Stevens (x226)	Cygn	

Item	Comments	Required Action By
	Please supply Cygna with all Revisions of DCA 3400.	P.M. 7/10/84

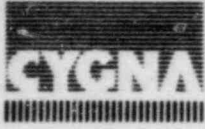
Signed: *N.A. Williams* /ljr Page 1 of 1
 Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/9/84
Subject: Conduit Supports - Drawings	Time: 10:00 a.m.	Place: CPSES
Participants: Diane Bleeker	of DCC	
Desmond Stevens (x 226)	Cygna	

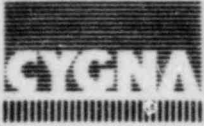
Item	Comments	Required Action By
1.	Please supply Cygna with a copy of the following drawings at the revision level listed. 2323-S-0910- Sht. CSM-42, Rev. 9, 13 and Current Sht. CA-5a, Rev. 19 Sht. CA-1a, Rev. 7 Sht. CSM-18d, Rev. 9 Sht. CSM-6b, Rev. 3 Sht. CSM-18c, Rev. 12, 13, and 14 Sht. CSM-18f, Rev. 5 Sht. CA-15, Rev. 15	A.M. 7/9/84
2.	Please supply a copy of current revision of DCA #3962.	



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/3/84
Subject: Piping Drawings	Time: CPSES	Place: 11:30 am
Participants: Diane Bleeker	of	DCC
Desmond Stevens (x 226)		Cygna

Item	Comments	Required Action By
	Please Cygna with two copies each of drawings: BRHL-MS-1-SB-025 through 047, latest revisions, (no CMCs or DCAs required).	1 P.M. 7/3/84



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/3/84
Subject: Conduit Supports - Catalog Items	Time: 8:00 am	Place: CPSES
Participants: Tom Keiss (x 487)	of TUGCO	
Desmond Stevens (x 226)	Cygn	

Item	Comments	Required Action By
	<p>In response to an earlier request for information, Mr. Keiss called to inform Cygna that no written information, calculations, construction procedure, etc., exist for the practice of reaming holes in Unistrut P2558 & superstrut C708 clamps (per Gen. Notes, Drawing 2323-S-0910, Sht. G-2b, Rev. 1, Item II.9).</p>	



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/1/84
Subject: Conduit Supports - Design Calculations	Time: 8:00 am	Place: CPSES
Participants: Desmond Stevens (x 226)	of	Cygna
Tom Keiss (x 487)		TUGCO

Item	Comments	Required Action By
	Please supply Cygna with any calculations, testing procedures or other qualification material related to the procedure for reaming the holes of Unistrut P2558 clamps, per general notes, Drawing 2323-S-0910 Sht. G-2b, (Rev. 1) Item II.9.	PM 7/2/84

Signed: *W.A. Williams* /ms Page 1 of 1
Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 7/2/84
Subject: Conduit Supports - CMCs	Time: 3:00 p.m.	Place: CPSES (DCTG)
Participants: Steve Ellis (x 611)	of DCTG	
Desmond Stevens (x 226)	Cygn	

Item	Comments	Required Action By
	<p>Cygn has been supplied with a computer listing of all CMCs and DCAs which have ever been written against the conduit supports being reviewed. (This listing is titled "Field Design Change & Review Status Log.")</p> <p>Cygn specifically wished to know which CMCs and DCAs are written against the particular conduit lines to be included in the walkdowns.</p> <p>Mr. Ellis conferred with Mr. Pravin Patel, and reported that there is no facility to machine sort CMCs and DCAs by conduit line number.</p> <p>Therefore, every CMC and DCA supplied in the computer listing must be reviewed by Cygn personnel to determine if the line number is among those included in the walkdown program. (It is estimated that 2000 documents are involved.)</p>	



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No: 84056	Date: 7/2/84
Subject: Change Documentation for Cable Tray Supports	Time: 10:30 am	Place: CPSES Site
Participants: Diane Bleeker	of	B&R DCC
Bill Horstman (x 226)		CES

Item	Comments	Required Action By
1.	Please supply copies of the current revision of following CMCs: 8283 91716 97798 99056 97792 48831 97128 97800 99057 97794 57211 97132 99050 99058 97825 57216 97143 99051 99096 97826 57325 97680 99052 99106 97887 71285 97681 99053 99180 52114 88568 90714 06961 81802	Received 7/3/84 8:30 AM.
2.	Please supply copies of the current revision of the following DCAs: 00413 001834 003710	
3.	Please supply copies of the current revisions of all CMCs and DCAs against the following drawings: 2323-S-0901 2323-S-0904 2323-S-0909 2323-S-0902 2323-S-0905 2323-S-0918 2323-S-0903 2323-S-0908	



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecom	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No. 84056	Date: 6/27/84
Subject: Document Request	Time: 8:45 a.m.	Place: CPSES
Participants: Tom Keiss	of CPSES	
John Russ	Cygn	

Item	Comments	Required Action By												
	Reference: Conference report dated June 27, 1984, "Conduit - Fire Protection," T. Keiss and D. Stevens participating.													
	Cygn requested the following items from Mr. Keiss:													
1)	Copies of the following cable tray rSE support drawings:	TUGCO												
	<table border="1"> <thead> <tr> <th>Support FSE Number</th> <th>FSE Map Number</th> </tr> </thead> <tbody> <tr> <td>3016</td> <td>FSE-00185</td> </tr> <tr> <td>3011</td> <td>FSE-00185</td> </tr> <tr> <td>6654</td> <td>FSE-00185</td> </tr> <tr> <td>2861</td> <td>FSE-00185</td> </tr> <tr> <td>2602</td> <td>FSE-00176</td> </tr> </tbody> </table>	Support FSE Number	FSE Map Number	3016	FSE-00185	3011	FSE-00185	6654	FSE-00185	2861	FSE-00185	2602	FSE-00176	
Support FSE Number	FSE Map Number													
3016	FSE-00185													
3011	FSE-00185													
6654	FSE-00185													
2861	FSE-00185													
2602	FSE-00176													
2)	Structural drawings or documentation showing the location of the knock-outs used for tube-pulling space of the Unit 1 component cooling water heat exchangers.	TUGCO												
	Mr. Keiss asked Cygn to provide the building and elevations of the conduits which are listed in the referenced conference report.	Cygn												

Signed: *N.A. Williams* /ms Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	July 27, 1984
Subject:	Walkdown Inspection Procedures	Time:	10:30
		Place:	Site
Participants:	G. Purdy	of	B&R
	J. Minichiello		Cygna

Item	Comments	Required Action By
1.	Cygna requested the NRC number and procedure number written to rectify the missing ASME nameplates on valves. Mr. Purdy said the procedure was incorporated into procedure CP-QAP-12.4. He will provide Cygna with a copy of both the generic NCR and the procedure.	
2.	Cygna asked if Brown and Root had any specific inspection tolerances on warpage of structural members in pipe supports. The inspectors are instructed to use "visual inspection for distortion," but are not given any specific tolerances.	
3.	Cygna asked what tolerance the QC inspectors use for size dimensions on pipe support drawings. Mr. Purdy referenced QI-QAP-11.1-28, Section 3.3.1.1, which gives ± 1 " for working point dimensions.	
4.	Cygna noted a main steam support where the double nuts were not snugged against each other. Since this is in an area which engineering we still reviewing, Mr. Purdy suggested Cygna review the inspection report to see if any changes were authorized.	

Signed: *N. Williams* /ss Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, J. Minichiello, L. Weingart, S. Treby, J. Ellis, S. Burwell, Project File



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	July 27, 1984
Subject:	Embedded Plates	Time:	3:00
		Place:	Site
Participants:	P. Huang	of	G&H
	J. Minichiello		Cygna

Item	Comments	Required Action By
	<p>Cygna asked where the separation distance for attachments to embedded plates is defined. Mr. Huang stated there is no direct criteria. However, the figures in specification SS-30 clearly show 12" between the point loads, "P". This is the basis of Gibbs and Hill's allowable loads: Point loads of size "P" located 12" apart.</p>	



Communications Report

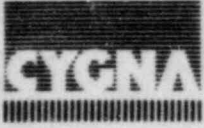
Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	July 27, 1984
Subject:	Walkdown Information	Time:	8:15; 9:30
		Place:	Site
Participants:	D. Rencher	of	TUEC
	J. Minichiello		Cygna

Item	Comments	Required Action By
	<p>Cygna requested the engineering backup for the rear bracket modifications shown in QI-QAP-11.1-28, Attachment 27.</p> <p>Mr. Rencher referenced NPS Industries letter NPSI-12-2012, which Cygna will request from DCC.</p>	

Signed: *N.H. Williams* /ss Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, J. Minichiello, C. Wong, R. Baliga, S. Treby, J. Ellis, S. Burwell, Project File

1020 01a



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station	Job No. 84056	
Independent Assessment Program - Phase 4	Date: July 25, 1984	
Subject: Drawing Request	Time: 2:30	
	Place: Site	
Participants: D. Bleeker	of DCC	
J. Minichiello	Cygn	

Item	Comments	Required Action By
•	<p>Cygn requested a copy of the following drawings:</p> <ol style="list-style-type: none"> 1. CC-1-077-005-S33R 2. CC-1-019-009-A43R 3. MS-1-002-002-S72R 4. CC-1-031-009-S33R 	



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	July 25, 1984
Subject:		Time:	8:45 am
		Place:	
Participants:	J. Burgess	of	TUEC
	J. Minichiello		Cygn

Item	Comments	Required Action By
	<p>In order to verify that TUGCO had complied with GTN-61898 for nozzle loads, Cygna requested documentation from the As-Built Coordinator. Mr. Burgess referenced CPPA-24,958, which requested acceptance from Struthers, and a Struthers letter dated March 14, '984, which accepted the modified loads.</p>	



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station	Job No.	84056
	Independent Assessment Program - Phase 4	Date:	July 25, 1984
Subject:	Data Request	Time:	3:00 am
		Place:	
Participants:	D. Webb	of	DCC
	J. Minichiello		Cygn

Item	Comments	Required Action By
	Cygn requested a copy of GTN-61898.	

Signed: N. Williams /ss Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, J. Minichiello, L. Weingart, S. Treby, J. Ellis, S. Burwell, Project File

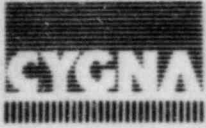
1020.01a



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station	Job No. 84056	
Independent Assessment Program - Phase 4	Date: July 27, 1984	
Subject: Data Request	Time: 10:00	
	Place: Site	
Participants: J. Kimbel	of DCC	
J. Minichiello	Cygn	

Item	Comments	Required Action By
	Cygn requested NPSI letter NPSI-12-2012.	



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 6/20/84

Subject: Conduit Supports - Drawings

Time: 12:01 p.m.

Place: CPSES

Participants: Diane Bleeker

of DCC

Desmond Stevens (x226)

Cygn

Item	Comments	Required Action By
1.	Please supply Cygn with a copy of 910 Sh. CSM - 15a Rev. 6 .	P.M. 6/20/84

Signed: *N.W. Williams*

/ms Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, D. Stevens, R. Hess, J. Russ, S. Treby, J. Ellis,



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Electric Station
Independent Assessment Program - Phase 4

Job No. 84056

Date: 6/20/84

Subject: Document Request

Time: 1:15 p.m.

Place: G&H, N.Y.

Participants: Ed Bezkor

of G&H

John Russ

CES

Item	Comments	Required Action By
	<p>Cygna requested the following items:</p> <ol style="list-style-type: none"> 1. Calculation binder SCS-146C, Vol. I. 2. Sheets 1-27 of calculation binder SCS-111C, Set 8. 3. The calculations for the design of base connections for beam members of regular detail Di. <p>In response to the above, Mr. Bezkor</p> <ol style="list-style-type: none"> 1. provided Cygna with item 1; 2. provided Cygna with sheets 1-6 of binder SCS-111C, Set 8 and stated sheets 7-27 were not used; 3. stated that the calculations for item 3 appear on sheets 16 and 141 of binder SCS-101C, Set 3. 	

Signed:

W.A. Williams

/ms

Page 1

of 1

Distribution:

N. Williams, D. Wade, G. Grace, J. Russ, S. Treby, J. Ellis, S. Burwell,



Communications Report

Company: Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project: Comanche Peak Steam Electric Station	Job No. 84056	
Independent Assessment Program - Phase	Date: 7/10/84	
Subject: Conduit Supports - CMCs	Time: 8 a.m.	
	Place: CPSES	
Participants: Diane Bleeker	of DCC	
Desmond Stevens (x226)	Cygn	

Item	Comments	Required Action By
1.	Please supply Cygna with copy of all revisions of CMC - 59701.	



Communications Report

Company:	Texas Utilities	<input checked="" type="checkbox"/> Telecon	<input type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station Independent Assessment Program - Phases 3 & 4	Job No.	84042/84056
		Date:	August 7, 1984
Subject:	Comments on Phase 3 Final Report and Phase 4 Electrical Questions	Time:	9:00 a.m.
		Place:	CES-SFRO
Participants:	G. Grace	of	TUGCO (EBASCO)
	N. Williams		CYGNA

Item	Comments	Required Action By
	Comments on Phase 3 Final Final Report:	
1.	Checklist PS-024, Item #4. What is the disposition for 0" Gap since it is checked "unsat."? I responded that the comment from Item 2 was applicable and should have had general note 16 referenced. George the same comment applied to Item 4 on checklist PS-036.	
2.	Checklist PS-080, Item 4b. George asked why this was "unsat" when 4a was "N/A." I stated that this was a typographical error and 4b should be N/A.	
3.	Checklist PS-081, Item 24c. Is there a comment missing? I concurred that a comment was missing and that we would pick this up in a revision to the report.	
4.	Checklist PS-088, Item 25. Is there a comment missing? I stated that there should be a reference to Item 1.	
5.	Checklist PS-099, Items 14 and 15. Is the reference to Item 1 correct? I said we would check, but it appears that a reference to Note 13 is more appropriate.	
6.	Checklist PS-106, Item 18. Is there a comment missing? I said there should be a reference to Note 7, self-weight excitation.	
	Phase 4 Electrical Review Question: Referring to Cygna letter 84056.010, Attachment B, question 6. George said that Item b) Raceway TBGCCM98 appears to be a typographical error. TUGCO is assuming the number is T13GCCM98 unless they hear otherwise from Cygna.	

Signed: *N. Williams* /dmm Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, T. Martin, J. Minichiello, C. Wong,
S. Burwell, S. Treby, J. Ellis, Project File



Communications Report

Company:	Texas Utilities	<input type="checkbox"/> Telecon	<input checked="" type="checkbox"/> Conference Report
Project:	Comanche Peak Steam Electric Station Independent Assessment Program - Phase 4	Job No.	84056
		Date:	July 23, 1984
Subject:		Time:	1:00 p.m. CST
		Place:	CPSES
Participants:	D. Rencher	of	TUEC
	S. Sidhu, D. Smedley		Cygna

Item	Comments	Required Action By
1.	Met with D. Rencher to discuss PSE calculations and drawings that we needed to review. He stated that arrangements would be made to have the calculations pulled today. The list is attached.	

Signed: *N. Williams* /jam Page 1 of 1

Distribution: N. Williams, D. Wade, G. Grace, D. Smedley, S. Bibo, S. Treby, J. Ellis,
S. Burwell, Project File

To GEORGE GRACE X SOC.
(FOR DAVE SMEDLEY)

JOB # 04630

TUEC - PHASE 4 DESIGN PACKAGE LOGIN LIST

1/3

S-N	CALC. #	REV. #	DATE RECEIVED	REMARKS
20	CC-X-080-001-A43K	1	5-31-84	
19	CC-X-080-700-A43S	2		
23	CC-1-051-700-A43K	0		
25	CC-1-050-701-A43S	2		
31	CC-1-050-704-A43S	0		
33	CC-2-050-706-A43S	0		
34	CC-2-050-702-A43K	2		CHECK FOR CIVILIAN, REDUCED ALLOWANCE
36	CC-2-050-705-A43R	1		
7	CC-2-050-701-A43S	2		CHECK FOR CIVILIAN, REDUCED ALLOWANCE
39	CC-2-050-008-A43K	4		
40	CC-2-050-700-A43K	1		CHECK FOR CIVILIAN, REDUCED ALLOWANCE
41	CC-2-050-703-A43S	0		
47	CC-2-019-705-A43R	0		
48	CC-2-019-706-A43R	3		CHECK FOR CIVILIAN, REDUCED ALLOWANCE
49	CC-2-019-716-A43K	1		
50	CC-2-019-704-A43R	1		
51	CC-2-019-703-A43S	1		
52	CC-2-019-702-A43K	1		
60	CC-2-019-700-A43R	1		
61	CC-2-019-701-A43K	2		
45	CC-2-019-707-A43S	2		
44	CC-2-019-708-A43K	1		
43	CC-2-019-709-A43K	2		

TUEC - PHASE 4 DESIGN PACKAGE LOGIN LIST

2/3

S - #	CALL #	REV. #	DATE RECEIVED	REMARKS
27	CC-1-050-001-A43S	2	5-31-84	
8	CC-1-019-700-A43S	1		
9	CC-1-019-701-A43K	1		
10	CC-1-019-702-A43R	0		
56	CC-2-019-008-A43R	4		
63	CC-2-019-003-A33R	1		
54	CC-2-019-715-A43K	1		
53	CC-2-019-714-A43K	2		
55	CC-2-019-713-A43S	1		
58	CC-2-019-712-A33R	0		
59	CC-2-019-711-A33R	0		
46	CC-2-019-710-A43K	2		
1	CC-1-019-012-A43R	1		
2	CC-1-019-013-A43S	0		
3	CC-1-019-011-A43K	2		
4	CC-1-019-010-A43K	1		
5	CC-1-019-014-A43R	0		
6	CC-1-019-009-A43R	1		
7	CC-1-019-008-A43R	0		
11	CC-1-051-006-A43K	0		
12	CC-1-019-006-A43R	4		
13	CC-1-019-005-A43K	1		
14	CC-1-019-002-A33R	0		

REV. 1 CALL IS APPROVED ON 10/6/84.
 2 CALL SHEETS ARE PREPARED ON
 2/1/84 W/O CHANGING THE CALL REV.
 SHEET FOR CFF-13,983, REVISED ALLOWABLE

CHECK FOR CFF-13,983, REVISED
 ALLOWABLE

TUGG - PHASE 4 DESIGN PACKAGE LOGIN LIST

3/1

PS #	CALC #	REV #	DATE RECEIVED	REMARKS	
57	CC-2-019-007-A43K	0	5-31-84 ↓	CALLS ARE PREPARED AFTER REV 0 APPROVED BUT CALLS REV 1 NOT REVISED	
15	CC-1-019-004-A33R	0			
16	CC-1-019-007-A33V	0			
17	CC-1-019-001-A33R	0			
18	CC-1-019-003-A33R	0			
21	CC-1-086-001-A43S	1			
22	CC-1-086-002-A43R	1			
24	CC-1-050-005-A43R	0			SD CHANGED FROM CC-1-051-005-A43R IN R.3
26	CC-1-050-004-A43R	1			
27	CC-1-050-006-A43S	1			
28	CC-1-050-003-A43K	0			
30	CC-2-050-001-A43S	1			
32	CC-2-050-002-A43R	0			
35	CC-2-050-004-A43R	2			
42	CC-1-050-002-A43R	0			
62	CC-2-019-004-A33K	0			
38	CC-2-050-007-A43K	0			
64	CC-1-050-700-A43K	3			



Communications Report

Company: Texas Utilities

Telecon

Conference Report

Project: Comanche Peak Steam Electric Station

Job No. 84056

Independent Assessment Program - Phase 4

Date: August 9, 1984

Subject:

Time:

Mechanical Review Questions

Place: CES-SFRU

Participants: George Grace

of TUGCO (EBASCO)

Nancy Williams

CYGNA

Item	Comments	Required Action By
Reference:	N. Williams (Cygna) letter to J.B. George (TUGCO), 84056.010, "Mechanical and Electrical/I&C Review Questions," July 30, 1984.	
	I called George to provide some additional clarification on Attachment A, questions 8 and 9 to the above referenced letter. The reference to ASME code class tags is intended to refer to name plate data required by the ASME code paragraph NA-8220 (attached). George said that TUGCO reference which permitted the removal of the name plates is NCA-8230, 1981 addenda. This portion of the code has been adopted by TUGCO in their QA plan.	

Signed:

Nancy Williams

/jm

Page 1

of 1

Distribution:

D. Wade, G. Grace, N. Williams, J. Minichiello, R. Hess, S. Treby, S. Burwell,

W74 NA-8124 Inspection Agreement Required

As indicated in Table NA-3120-1, all Certificate of Authorization holders shall possess an agreement with an Authorized Inspection Agency to provide inspection and audit services, as applicable.

NA-8125 Authorized Inspectors and Inspection Agencies

Inspectors and Inspection Agencies permitted to perform inspections required by this Section are defined in NA-5111 and NA-5112.

NA-8130 OBTAINING OF STAMPS

All stamps for applying the Code symbol shall be obtained from the Society.

NA-8140 REGULATIONS SUBJECT TO CHANGE

The Society may at any time make such regulations concerning the issuance and use of such Certificates and stamps as it deems appropriate and all such regulations shall become binding upon the holders of any valid Certificates of Authorization.

NA-8200 REQUIRED NAMEPLATES AND STAMPING

NA-8210 DIAGRAM OF RELATED CERTIFICATIONS, STAMPING, AND DATA REPORTS

Figure NA-8210-1 is to provide assistance in establishing the certifications, N-type symbol, and Data Reports required by this Section. The complete detailed requirements are contained in the following paragraphs of this Article. (Table NA-3120-1)

NA-8220 REQUIREMENTS

- (a) Each item and installation to which an N-type symbol¹ is applied shall be marked with the following:
 - (1) The applicable official N-type symbol, as shown in Figure NA-8220-1,

¹The term N-type symbol means any one of the symbols shown in Fig. NA-8220-1.

- (2) Class of the item or installation,
- (3) Manufacturer's or Installer's name,
- (4) Design pressure² at coincident temperature (not applicable to parts, core support structures, component supports, and piping subassemblies),
- (5) Manufacturer's serial number,
- (6) Year built.

(b) The N-type symbol and the above required data may be stamped, etched, or impressed thereon. The selected method shall not result in any harmful contamination or sharp discontinuities. The data shall be in characters not less than 3/32 in. high. Stamping, when used, shall be done with blunt nosed continuous or blunt nosed interrupted dot die stamps. Nameplates shall not be used on Core Support Structures

(a) SYMBOL FOR VESSELS, STORAGE TANKS, PUMPS, AND LINE VALVES	N
(b) SYMBOL FOR PIPING SUB-ASSEMBLIES, FOR PARTS OR APPURTENANCES OF A COMPONENT, FOR COMPONENT SUPPORTS, OR FOR CORE SUPPORT STRUCTURES	N PT
(c) SYMBOL FOR SAFETY VALVES	NV
(d) SYMBOL FOR INSTALLATION	NA

NOTE: The class of construction (1, 2, 3, CS, or MC) shall be indicated by the numeral 1, 2, or 3 or the letters CS or MC stamped below and outside of the official Code symbol.

FIG. NA-8220-1 OFFICIAL SYMBOLS

W74

NA-8230 REQUIREMENTS FOR STAMPS AND STAMPING

NA-8231 Application of Stamp

- (a) The Manufacturer who completes the fabrication of an item, or who fabricates parts of such

²When a component is expected to operate at more than one pressure and temperature condition, other values of design pressure with the coincident permissible temperature may be added.



Communications Report

Company: Texas Utilities Telecon Conference Report

Project: Comanche Peak Steam Election Station Job No. 84056
Independent Assessment Program - Phase 4 Date: June 29, 1984

Subject: Cable Tray Support Change Paper Request Time: 1:45 PM
Place: CPSES

Participants: Mike Warner ext. 322 of TUGCO QA
Bill Horstman ext. 226 CES

Item	Comments	Required Action By
1.	Cygna requested that QA supply a list of applicable change documentation (i.e. CMC's, DCA's) for the attached list of cable tray supports.	Received 7/6/84

Signed: *N. Williams* /jm Page 1 of 7

Distribution: N. Williams, D. Wade, G. Grace, R. Hess, J. Russ, S. Treby, J. Ellis, S. Burwell,



Bill Horstman
CYGNA
x226

Calculation Sheet

Project	TEXAS UTILITIES - CPSES IAP	Prepared By:	Date
Subject	CMC's & DCA's	Checked By:	Date
System	CABLE TRAY SUPPORTS	Job No. 84056	File No.
Analysis No.	Rev. No. 0	Sheet No.	1 of 7

SUPPORT NUMBER.	FSE MAP NO.	CMC's	AND	DCA's
95	FSE-00174			
112	FSE-00174			
116	FSE-00174			
118	FSE-00174			
124	FSE-00174			
202	"			
290	"			
299	"			
331	"			
332	"			
333	"			
360	"			
367	"			
403	"			
455	"			



Calculation Sheet

Project	Prepared By	Date
Subject	Checked By	Date
System	Job No.	File No.
Analysis No.	Rev. No.	Sheet No. <u>207</u> <u>7</u>

SUPPORT NUMBER	FSE MAP NO.	CMC's & DCAs
479	FSE-00174	
48	"	
481	"	
582	FSE-00176	
583	"	
590	"	
591	"	
592	"	
593	"	
605	"	
620	"	
624	"	
627	"	
629	"	
631	"	



Calculation Sheet

Project	Prepared By:	Date
Subject	Checked By:	Date
System	Job No.	File No.
Analysis No.	Rev. No.	Sheet No. 3 of 7

SUPPORT NUMBER	FSE MAP No.	CM's & DCAS
638	FSE-00176	
648	"	
649	4	
654	"	
655	"	
656	"	
657	"	
710	"	
714	"	
720	4	
722	"	
723	4	
724	"	
726	"	
728	"	



Calculation Sheet

Project	Prepared By:	Date
Subject	Checked By:	Date
System	Job No.	File No.
Analysis No.	Rev. No.	Sheet No. 4 of 7

SUPPORT No.	FSE MAP NO.	CMCS Ann DCAs
730	FSE-00176	
731	"	
733	"	
734	"	
735	"	
758	"	
763	"	
764	"	
765	"	
766	"	
767	"	
790	"	
793	"	
1483	FSE-00174	
2602	FSE-00176	



Calculation Sheet

Project	Prepared By	Date
Subject	Checked By	Date
System	Job No	File No
Analysis No	Rev. No	Sheet No

5 of 7

Support No.	FSE MAP No.	CMC's & DCA's
2606	FSE-00176	
2627	"	
2861	FSE-00185	
2920	"	
2923	"	
2953	"	
2980	"	
2990	"	
2992	"	
2993	"	
2994	"	
2995	"	
2998	"	
3005	"	
3009	"	



Calculation Sheet

Project	Prepared By	Date
Subject	Checked By	Date
System	Job No.	File No.
Analysis No.	Rev. No.	Sheet No. 6 of 7

Support No	FSE MAP No	CMC's	#	DCA's
3011	FSE-00185			
3016	"			
3017	"			
3021	"			
3022	"			
3023	"			
3025	"			
3026	"			
3028	"			
3034	"			
3111	"			
3112	"			
3130	"			
3501	"			
3504	"			