



TXU Energy
Comanche Peak Steam
Electric Station
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C. Lance Terry
Senior Vice President &
Principal Nuclear Officer

Ref: 10 CFR 50.55a

CPSES-200300823
Log # TXX-03077

April 15, 2003

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

**SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)
DOCKET NOS. 50-445 AND 50-446
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
(TAC NO. MB7984/MB7985)**

**REF: TXX-03012, LICENSE AMENDMENT REQUEST (LAR) 03-01
REVISION TO TECHNICAL SPECIFICATION (TS) BASES**

Gentlemen:

The referenced letter transmitted a request for NRC review and approval of our application of WCAP-14036-P-A, 'Elimination of Periodic Protection Channel Response Time Tests', Revision 1 dated October 1998 for Comanche Peak Steam Electric Station (CPSES) Unit 1 and Unit 2. Enclosures 1 through 3 to our letter dated March 6, 2003 (TXX-03012) provided copies of documents proprietary to Westinghouse in support of our request along with the required Application for Withholding Proprietary Information from Public Disclosure and accompanying Affidavit, Proprietary Information Notice, and Copyright Notice.

This letter forwards Westinghouse letter WPT-16431, dated April 9, 2003, which transmits non-proprietary versions of those Westinghouse documents previously submitted as enclosures to our letter dated March 6, 2003 (TXX-03012).

D029
A001

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

TXX-03077
Page 2 of 2

Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC,
Its General Partner

C. L. Terry
Senior Vice President and Principal Nuclear Officer

By: 
M. R. Blevins
Vice President & Deputy to the Senior Vice President & Principal
Nuclear Officer

RAS/gp

Enclosure: Westinghouse letter WPT-16431, "Non-Proprietary Documents to
Support Elimination of Response Time Testing of Westinghouse 7300
11NLP and 6NSA Cards at Comanche Peak", dated April 9, 2003.

c - E. W. Merschhoff, Region IV, clo
W. D. Johnson, Region IV, clo
D. H. Jaffe, NRR
Resident Inspectors, CPSES, clo

ENCLOSURE 1 to TXX-03077

Westinghouse letter WPT-16431, "Non-Proprietary Documents to Support Elimination of Response Time Testing of Westinghouse 7300 11NLP and 6NSA Cards at Comanche Peak", dated April 9, 2003 (eight pages)



Westinghouse Electric Company
Nuclear Services
Waltz Mill Service Center
P.O. Box 158
Madison, Pennsylvania 15663
USA

Mr. C. L. Terry, Senior Vice President
and Principal Nuclear Officer
Nuclear Production
TXU Generation Company LP
P.O. Box 1002
Glen Rose, Texas 76043

Direct tel: 724-722-5490
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e-mail: wyble1js@westinghouse.com

WPT-16431
LTR-RLE-03-42

Attention: R. Slough

April 9, 2003

No Response Required

- Ref. 1. Contract C-0179618-6C1
2. W Sales Order 20220
3. WPT-16357
4. WCAP-14036-P-A Revision 1, "Elimination of Periodic Protection Channel Response Time Tests", dated 12/95
5. WPT-16412, "TXU GENERATION COMPANY LP COMANCHE PEAK STEAM ELECTRIC STATION UNITS 1 & 2, Transmittal of Proprietary Documents to the U.S. Nuclear Regulatory Commission", dated 2/10/03:

**TXU GENERATION COMPANY LP
COMANCHE PEAK STEAM ELECTRIC STATION
UNITS 1 and 2**

**Non-Proprietary Documents to Support Elimination of Response Time Testing of
Westinghouse 7300 11 NLP and 6NSA Cards at Comanche Peak**

Dear Mr. Terry:

Per request of Mr. R. Slough, attached to this letter are the following documents that TXU Energy can use for submittal to the NRC in support of elimination of periodic response time testing (Reference 4):

- non-proprietary version of the evaluation of the Westinghouse 7300 11NLP and 6NSA cards and
- non-proprietary version of Drawing 1061E26 Sheet 1, Rev. B and Sheet 2, Rev. —.

The superscripts (^{a,c}) noted in the attached evaluation are defined in CAW-03-1598 that was previously transmitted as part of WPT-16412 (Reference 5), which provided the proprietary versions of the above documents.

If there are any questions on this subject, please contact R. M. Span on (412) 374-5106 or me.

Very truly yours,

WESTINGHOUSE ELECTRIC COMPANY



J. S. Wyble, Manager
Comanche Peak Project

/mah
Attachment

cc:	C. L. Terry		1L, 1A
	J. Kelley		1L, 1A
	M. R. Blevins		1L, 1A
	S. Smith		1L, 1A
	R. Flores		1L, 1A
	M. R. Killgore		1L, 1A
	D. Moore		1L, 1A
	W. G. Choe		1L, 1A
	R. Slough		1L, 1A
	VETIP Coordinator	E02	1L, 1A
	CCG	006A	1L, 1A

bcc:	J. S. Wyble/File Copy	WM MB 30	1L, 1A
	S. J. Hyde/Project Copy	WM MB 30	1L, 1A
	M. A. Olson	WM MB 30	1L, 1A
	J. L. Vota	WECE 5-10	1L, 1A
	R. M. Span	WECE 410G	1L, 1A
	S. N. Riggs	Dallas Sales	1L, 1A
	H. W. Gutzman	Comanche Peak	1L, 1A
	V. J. Polizzi	Comanche Peak	1L, 1A
	B. L. Windham	Comanche Peak	1L, 1A
	M. Hemphill/EDMS Copy	WM MB 30	1L, 1A

**EVALUATION OF WESTINGHOUSE 7300 11NLP AND 6NSA CARDS
TO SUPPORT ELIMINATION OF RESPONSE TIME TESTING AT
COMANCHE PEAK NUCLEAR PLANT**

Introduction

WCAP-14036-P-A Revision 1, "Elimination of Periodic Protection Channel Response Time Tests," contains the NRC's safety evaluation approving the WOG program as described in the WCAP. The NRC safety evaluation requires that the licensee, as part of the Technical Specifications license amendment request, verify that the WCAP-14036 Failure Modes and Effects Analysis (FMEA) "is applicable to the equipment actually installed in the licensee's facility, and that the analysis is valid for the versions of the boards used in their protection system."

[]^{a,c} identifies the versions (i.e., artwork levels) of 7300 Process Protection System boards (i.e., cards) included within the scope of WCAP-14036. Two cards, the loop power supply/isolator (NLP) and summing amplifier (NSA), were [

]^{a,c}

NLP Card Evaluation

[

]^{a,c}

[

] ^{a,c}

[

] ^{a,c}

NSA Card Evaluation

[

] ^{a,c}

[

] ^{a,c}

Conclusions

Based on the above evaluation, the FMEA documented in WCAP-14036-P-A Revision 1 is applicable to the [] ^{a,c}. The [] ^{a,c} values determined by test and reported in the WCAP are [] ^{a,c} if installed in the 7300 Process Protection System racks at Comanche Peak.

a,c



**1061E26 Sheet 2, Rev. -, "Printed Wiring Assembly
Power Range Amplifier 414 NI Subassembly"**

a,c



**1061E26 Sheet 1, Rev. B, "Printed Wiring Assembly
Power Range Amplifier 414 NI Subassembly"**