

TERA

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Docket File	TE (3)
NRC PDR	
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LB #2 File	
A. Schwencer	BCC: ACRS (16)
S. Burwell	NSIC
M. Service	TERA
D. Eisenhut	
R. Purple	
R. Tedesco	

Docket Nos. 50-445
and 50-446

AUG 18 1980

Mr. R. J. Gary
Executive Vice President
and General Manager
Texas Utilities Generating Company
2001 Bryan Tower
Dallas, Texas 75201

Dear Mr. Gary:

SUBJECT: CONFIRMATORY PIPING ANALYSIS BY NRC CONSULTANT FOR COMANCHE PEAK
STEAM ELECTRIC STATION

Our letter dated January 8, 1980, advised the Texas Utilities Generating Company that the Mechanical Engineering Branch (MEB) has instituted a program of performing an independent confirmatory piping analysis for each plant undergoing operating license review. For Comanche Peak, this analysis will be performed by our contract personnel at the Energy Technology Engineering Center (ETEC). That letter requested certain information to permit our contract personnel at ETEC to proceed with the analysis for the main steam line for Unit 1, from Steam Generator No. 3 to the containment penetration.

A letter dated May 12, 1980, from the Texas Utilities Services, Inc. (H. D. Schmidt) to the NRC (S. B. Burwell) provided an information package in response to the above request.

Our contract personnel at ETEC have recently requested additional information and clarification of the information provided earlier. The information requested is listed in the Enclosure, Additional Information Request for Confirmatory Piping Analysis, Comanche Peak Steam Electric Station.

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OFFICE					
SURNAME					
DATE					

Mr. R. J. Gary

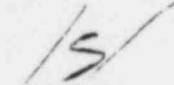
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AUG 18 1980

Your response to this request should be transmitted in the same manner as your letter of May 12, 1980. Upon completion of the review of your response, we will request a meeting with your representative to discuss any further questions concerning the confirmatory piping analysis and to examine the installed main steam line at the plant site.

Should you have questions concerning this request, please contact us.

Sincerely,



Robert Tedesco
Assistant Director for Licensing
Division of Licensing

Enclosure:
Additional Information Request
for Confirmatory Piping Analysis

cc w/enclosure:
See next page

OFFICE	LB #2/DL	LB #2/DL	A/D: L/DL		
SURNAME	S Burwell/LLM	ASchwencer	RL Tedesco		
DATE	8/18/80	8/18/80	8/18/80		

Mr. R. J. Gary
Executive Vice President and
General Manager
Texas Utilities Generating Company
2001 Bryan Towers
Dallas, Texas 75201

AUG 18 1980

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ENCLOSURE

ADDITIONAL INFORMATION REQUEST

FOR CONFIRMATORY PIPING ANALYSIS

* COMANCHE PEAK STEAM ELECTRIC STATION

1. Piping fabrication specifications.
2. The design transients to which the steam line is subjected. This includes changes in pressure and temperature with respect to time, flow rates, and the number of cycles for each transient.
3. Details of the M-1-3 containment penetration. The dimensions on the isometric drawing #2323-ML-3202-05 do not agree with the dimensions on drawing #2323-ML-0506. From the supplied information it cannot be determined whether the penetration area is in fact a true anchor for all 6 degrees of freedom.
4. The locations of the hangers and snubbers cannot be verified from the information on the plan drawings furnished.
5. More details are required on the snubber configurations. Are they single or multiple snubbers? What is the mounting configuration concerning eccentricities and the angles between snubber center lines and the pipe axis.
6. Do the spring constants given for the rigid restraints and snubbers include the stiffness of the structure to which they are mounted? If not this should be included.
7. What are the spring constants of the spring hangers?
8. What is MS-1-03-901-C77UV at Node 791, and what if any effect does it have on the piping analysis?
9. There is not enough information on the isometrics for details A, B, and MS-1-003-909 C6 7W. The details for these components are required to assess their effect on the piping analysis.
10. Is there some significance to the circled nodes on the isometrics with the BK numbers (i.e., Node 78 BK 14C).
11. On the "Line List" why are the "System Design Conditions" and the "Pipe Diameter Design Basis" different (Notes 1 & 2).