

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Sunday, August 30, 2009 12:32 PM
To: ComanchePeakCOL Resource
Subject: FW: Supplemental Information for "SOC" ER RAI Questions
Attachments: TXNB-09036 Supp ER responses.pdf

From: John.Conly@luminant.com [mailto:John.Conly@luminant.com]

Sent: Saturday, August 29, 2009 3:41 PM

To: rjb@nei.org; david.beshear@txu.com; Biggins, James; rbird1@luminant.com; mike.blevins@luminant.com; Dennis.Buschbaum@luminant.com; russell_bywater@mnes-us.com; JCaldwell@luminant.com; Ronald.Carver@luminant.com; cp34update@certrec.com; Ciocco, Jeff; Timothy.Clouser@luminant.com; Collins, Elmo; John.Conly@luminant.com; Carolyn.Cosentino@luminant.com; brock.degeyter@energyfutureholdings.com; Eric.Evans@luminant.com; Rafael.Flores@luminant.com; sfrantz@morganlewis.com; Goldin, Laura; kazuya_hayashi@mnes-us.com; James.Hill2@luminant.com; mutsumi_ishida@mnes-us.com; Johnson, Michael; Kallan, Paul; masahiko_kaneda@mnes-us.com; kak@nei.org; Allan.Koenig@luminant.com; Kramer, John; mlucas3@luminant.com; Fred.Madden@luminant.com; Matthews, David; tmatthews@morganlewis.com; Monarque, Stephen; Ashley.Monts@luminant.com; Bill.Moore@luminant.com; masanori_onozuka@mnes-us.com; ck_paulson@mnes-us.com; Plisco, Loren; Robert.Reible@luminant.com; jeff.simmons@energyfutureholdings.com; Singal, Balwant; nan_sirirat@mnes-us.com; Takacs, Michael; joseph_tapia@mnes-us.com; Tindell, Brian; Bruce.Turner@luminant.com; Ward, William; Matthew.Weeks@luminant.com; Brett.Wiggs@energyfutureholdings.com; Willingham, Michael; Donald.Woodlan@luminant.com; diane_yeager@mnes-us.com

Subject: Supplemental Information for "SOC" ER RAI Questions

Luminant has submitted supplemental information for six "SOC" questions in response to the ER RAI for CPNPP 3 & 4. If there are any questions regarding the supplemental information, please contact me or contact Don Woodlan (254-897-6887, Donald.Woodlan@luminant.com).

Thanks,

John Conly
COLA Project Manager NuBuild
Luminant Power
(254) 897-5256

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Luminant

Rafael Flores
Senior Vice President &
Chief Nuclear Officer
rafael.flores@luminant.com

Luminant Power
P O Box 1002
6322 North FM 56
Glen Rose, TX 76043

T 254.897.5590
F 254.897.6652
C 817.559.0403

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Ref. # 10 CFR 52

August 28, 2009

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555
ATTN: David B. Matthews, Director
Division of New Reactor Licensing

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 3 AND 4
DOCKET NUMBERS 52-034 AND 52-035
SUPPLEMENTAL INFORMATION FOR THE ENVIRONMENTAL REVIEW RAI

Dear Sir:

Luminant Generation Company LLC (Luminant) hereby submits supplemental information for the responses to Environmental Review RAI Questions SOC-09 through SOC-14. The letters in which the responses were submitted are referenced in the attachment. Should you have any questions regarding the information, please contact Don Woodlan (254-897-6887, Donald.Woodlan@luminant.com) or me.

There are no commitments in this letter.

I state under penalty of perjury that the foregoing is true and correct. Executed on August 28, 2009.

Sincerely,

Luminant Generation Company LLC

Rafael Flores

Attachment - Supplemental Response to Request for Additional Information

Email Distribution w/ attachment

mike.blevins@luminant.com
Brett.Wiggs@luminant.com
Rafael.Flores@luminant.com
mlucas3@luminant.com
jeff.simmons@energyfutureholdings.com
Bill.Moore@luminant.com
Brock.Degeyter@energyfutureholdings.com
rbird1@luminant.com
Matthew.Weeks@luminant.com
Allan.Koenig@luminant.com
Timothy.Clouser@luminant.com
Ronald.Carver@luminant.com
Bruce.Turner@luminant.com
Eric.Evans@luminant.com
Robert.Reible@luminant.com
donald.woodlan@luminant.com
John.Only@luminant.com
JCaldwell@luminant.com
David.Beshear@txu.com
Ashley.Monts@luminant.com
Fred.Madden@luminant.com
Dennis.Buschbaum@luminant.com
Carolyn.Cosentino@luminant.com

masahiko_kaneda@mnes-us.com
nan_sirirat@mnes-us.com
masanori_onozuka@mnes-us.com
ck_paulson@mnes-us.com
joseph_tapia@mnes-us.com
russell_bywater@mnes-us.com
diane_yeager@mnes-us.com
kazuya_hayashi@mnes-us.com
mutsumi_ishida@mnes-us.com
rjb@nei.org
kak@nei.org
cp34update@certrec.com
michael.takacs@nrc.gov
michael.johnson@nrc.gov
David.Matthews@nrc.gov
Balwant.Singal@nrc.gov
paul.kallan@nrc.gov
Stephen.Monarque@nrc.gov
jeff.ciocco@nrc.gov
michael.willingham@nrc.gov
john.kramer@nrc.gov
Brian.Tindell@nrc.gov
Elmo.Collins@nrc.gov
Loren.Plisco@nrc.gov
Laura.Goldin@nrc.gov
James.Biggin@nrc.gov
William.Ward@nrc.gov
sfrantz@morganlewis.com
tmatthews@morganlewis.com

SUPPLEMENTAL RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

Comanche Peak, Units 3 and 4

Luminant Generation Company LLC

Docket Nos. 52-034 and 52-035

RAI REGARDING THE ENVIRONMENTAL REVIEW

DATE OF RAI ISSUE: 6/26/2009

QUESTION NO.: SOC-09 (2.5.2.6-1)

Provide the following information about housing:

1. The name, average occupancy rate, and number of rooms for each hotel or motel in Somervell and Hood Counties that accepts long-term occupants
2. For each of the six Somervell County RV parks listed in Section 2.5.2.6 of the ER, the average number of RV spots that are vacant and available for long-term occupants
3. For each of the five Hood County RV parks listed in Section 2.5.2.6 of the ER, the average number of RV spots that are vacant and available for long term occupants
4. For each other RV park in Somervell and Hood Counties, the average number of RV spots that are vacant and available for long-term occupants
5. For each RV park in Stephenville, Cleburne, Joshua, and Alvarado, the average number of RV spots that are vacant and available for long-term occupants
6. The most likely locations and number of units for the possible new RV or mobile home parks mentioned in Section 4.1.1.2 of the ER
7. The most likely locations, number of units by housing type (single family and multi family), and expected completion dates for the "numerous housing developments...already planned or underway" mentioned in Section 4.1.1.2 of the ER

The number of listed properties in Granbury and Glen Rose in September 2007 (mentioned in Section 4.4.2.4 of the ER) that were rentals.

SUPPLEMENTAL ANSWER:

Luminant is providing a list of contacts to support the information provided in response to Question SOC-09 in Luminant letter TXNB-09027, dated July 27, 2009 (ML092180066). See Enclosure SOC-09.

Impact on R-COLA

None.

Impact on S-COLA

None.

Impact on DCD

None.

QUESTION NO.: SOC-10 (2.5.2.7.1-1)

Provide the following information about local water and waste water treatment systems:

1. Whether the Lake Granbury Surface Water and Treatment System is currently in operation. If not, an explanation is needed of any financial or technical issues that may inhibit future operations
2. The water treatment capacity and average daily consumption for the Cities of Granbury and Tolar (currently reported differently in Table 2.5-20 and in the text of Section 2.5.2.7.1 of the ER)
3. Current peak daily consumption (to supplement the average daily consumption) for all water treatment facilities listed in Table 2.5-20 of the ER
4. Names of municipalities served by each water treatment system shown in Table 2.5-20 of the ER
5. For all wastewater processing facilities, the same information shown for water systems in Table 2.5-20 of the ER, plus current peak demand, name of municipality served, and an identification of which wastewater facilities serve combined systems (those that handle both sanitary sewage and storm water runoff)

SUPPLEMENTAL ANSWER:

Luminant is providing a list of contacts to support the information provided in response to Question SOC-10 in Luminant letter TXNB-09029, dated August 10, 2009. See Enclosure SOC-10.

Impact on R-COLA

None.

Impact on S-COLA

None.

Impact on DCD

None.

QUESTION NO.: SOC-11 (2.5.2.7.2-1)

Provide the following information about local public safety and medical services:

1. Whether the current loads given for local hospitals in Section 2.5.2.7.2 of the ER are average numbers and, if so, what the peak numbers are.
2. How the expected ratios of police officers and firefighters to citizens presented in Section 4.4.2.3 of the ER compare to Texas State standards.
3. Existing plans for expansion of police and fire services in the CPNPP vicinity (mentioned in Section 4.4.2.3 of the ER).

SUPPLEMENTAL ANSWER:

Luminant is providing a list of contacts to support the information provided in response to Question SOC-11 in Luminant letter TXNB-09027, dated July 27, 2009 (ML092180066). See Enclosure SOC-11.

Impact on R-COLA

None.

Impact on S-COLA

None.

Impact on DCD

None.

QUESTION NO.: SOC-12 (2.5.2.8.2-1)

Provide the following information about education:

1. Whether the maximum capacity of 2,862 reported for the Glen Rose ISD in Section 2.5.2.8.2 of the ER could be accommodated with current staff and equipment levels or if additional costs would be incurred to allow the system to function at maximum capacity
2. Whether the maximum capacity of 8,556 reported for the Granbury ISD in Section 4.4.2.5 of the ER could be accommodated with current staff and equipment levels or if additional costs would be incurred to allow the system to function at maximum capacity.

SUPPLEMENTAL ANSWER:

Luminant is providing a list of contacts to support the information provided in response to Question SOC-12 in Luminant letter TXNB-09027, dated July 27, 2009 (ML092180066). See Enclosure SOC-12.

Impact on R-COLA

None.

Impact on S-COLA

None.

Impact on DCD

None.

QUESTION NO.: SOC-13 (2.5.4-1)

Provide the following information about environmental justice:

1. Any customs or traditional behaviors of minority or low-income populations in the impact region pertaining to subsistence hunting, fishing, or farming. If there are none, then the staff needs a detailed description of the process by which the Applicant made that determination.
2. Comments from any organizations contacted by the applicant that locate and assess uniquely vulnerable minority and low-income communities at or near the proposed site, to include date, name of contact, and the key points of the discussion.
3. An explanation of the seeming inconsistency of the high percent of low-income census blocks shown in Table 2.5-24 and the small number of red areas shown in Fig. 2.5-19 of the ER.

SUPPLEMENTAL ANSWER:

Luminant is providing a list of contacts to support the information provided in response to Question SOC-13 in Luminant letter TXNB-09027, dated July 27, 2009 (ML092180066). See Enclosure SOC-13.

Impact on R-COLA

None.

Impact on S-COLA

None.

Impact on DCD

None.

QUESTION NO.: SOC-14

Provide the following information about transmission corridors:

1. Whether the Whitney or DeCordova transmission lines would require new rights of way.
2. A description of the aesthetic impacts expected from the construction of new towers on the Whitney and DeCordova right of way.

SUPPLEMENTAL ANSWER:

Oncor Electric Delivery Company LLC (Oncor) is the transmission service provider for CPNPP. Luminant understands that the interconnect solution proposed by ONCOR will require new rights-of-way (ROWs) for both the Whitney and DeCordova transmission lines. Existing transmission lines that support CPNPP

Units 1 and 2 have a height varying between 105 – 110 feet. It is anticipated that the new towers will be similar to the existing towers.

As discussed in Subsection 2.2.2, the land use in the DeCordova ROW consists mainly of grassland, while the land use along the Whitney ROW consists primarily of grassland with some deciduous and evergreen forest. The Whitney line traverses Dinosaur Valley State Park and is clearly visible throughout the park except in areas of low elevation. There are additional parks within the proposed transmission line viewshed that vary from 2.9 to 18.9 miles in distance from the proposed lines. Given the length of the proposed transmission lines and their prospective visibility from eleven state parks, the aesthetic impact from the expansion of the Whitney and DeCordova ROWs is anticipated to be SMALL to MODERATE.

Impact on R-COLA

Subsection 4.1.2 has been revised in the Environmental Report. See Enclosure SOC-14

Impact on S-COLA

None.

Impact on DCD

None.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-09

Contact List

SOC-09 Contact List

Company	Title	Phone	Date	Summary
377 Market Place RV Park	Clerk	817-579-1315	8/6/2008	The RV Park has 50 spaces and receives 300-400 RVs per year. The busiest times are spring and summer. No outage workers stay at the park that she knows of. There are no plans to expand in the future.
377 Market Place RV Park	Clerk	817-579-1315	7/7/2009	There are no long-term rental spots.
ABC RV Park	Park Manager	817-783-3520	7/8/2009	The park has 50 long-term spots, of which 20 are available on average. The park is currently expanding the number of spots by 10.
Americas Best Value Inn and Suites Granbury	General Manager	817-573-4411	8/7/2008	The hotel has 53 units with an 85 percent occupancy rate. The hotel does not reserve a certain number of rooms for just recreational visitors. Outage workers stay at the hotel.
Americas Best Value Inn and Suites Glen Rose	General Manager	254-897-2111	7/13/2009	From January to June 2009, the hotel had an average occupancy of 30.4%.
B Street RV Park	Owner	254-898-1163	4/8/2008	The park has 28 spaces. Outage workers stay at the park. During the last outage there were 8 spaces free. There are no plans to expand the park.
B Street RV Park	Owner	254-898-1163	7/7/2009	The park has 29 long-term spots. On average, 23 spots are available, though during outages there are fewer spaces free.

Company	Title	Phone	Date	Summary
Bennett's RV Ranch	Owner	817-279-7500	7/7/2009	The park has 44 spots, with 33 available for long-term rent. Approximately 16 long-term spots are free at any time. There are no plans to expand the number of spots, but more could be made available for long-term rent if the demand was high. Outage workers stay at the site.
Best Western Dinosaur Valley Inn and Suites	Manager	254-897-4818	8/7/2008	The hotel has 53 units. Approximately 200 people stay at the hotel each year. The hotel is occasionally full (one weekend) but will not completely fill the hotel with just construction workers/outage workers. They always leave rooms available for recreational users.
Best Western Dinosaur Valley Inn and Suites	Front Office Manager	254-897-4818	7/6/2009	The hotel is full almost every weekend. During the week the occupancy rate is 50 percent.
Best Western Inn and Suites Granbury	General Manager	817-573-4239	8/7/2008	The hotel has 57 units with an average yearly occupancy of 80 percent. The hotel is first come first serve. The hotel is frequented by outage workers. They do not block rooms for just recreational visitors.
Cedar Ridge Cabins and RV Park	Owner	254-897-3410	8/6/2008	The facility receives about 300-400 RVs a year. The busiest time is the summer (May-August). The facility has 45 RV spaces. Spaces are rented daily, weekly, or monthly on a first come first serve basis. Many outage workers stay at the park, including repeat customers. The park is full during outages. There are no plans to expand the facility.
Cedar Ridge Cabins and RV Park	Owner	254-897-3410	7/8/2009	The park has 39 long-term spots. Between 25 and 30 spots are available at any given time.

Company	Title	Phone	Date	Summary
City of Granbury	Planning/Community Development	817-573-1114	7/7/2009	Provided a list of residential developments planned or under construction in Granbury and Granbury's ETJ.
Classic Inn	Manager	817-573-8874	8/7/2008	The hotel has 41 units with an average occupancy of 50 percent. Rooms are rented on a first come first serve basis and rooms are not reserved specifically for recreation visitors. Outage workers stay at the hotel.
Comfort Inn Granbury	Clerk	817-573-2611	8/7/2008	The hotel has 48 units with a 90.5% occupancy rate. The rooms are rented on a first come first serve basis and they do not block rooms just for recreational visitors use. Outage workers stay at the hotel.
Comfort Inn and Suites Glen Rose	Front Desk	254-898-8900	7/7/2009	The hotel occupancy varies based on the time of year. During winter the rate is 70-80% and during the summer 80-90%. They are rarely completely full, though they were over spring break 2009.
Comfort Inn and Suites Glen Rose	General Manager	254-898-8900	3/25/2009	The hotel has 70 units and the rooms are available for long-term rent. Outage workers stay at the hotel. The hotel has adjacent property where they plan to build an extended stay hotel with 80 units if there is sufficient demand or if CPNPP Units 3 and 4 are approved.
Comfort Suites Granbury	Front Desk Manager/ Night Manager	817-579-5559	7/13/2009	The hotel has occupancy of 50 percent.

Company	Title	Phone	Date	Summary
Comfort Suites Granbury	Front Desk Manager/ Night Manager	817-579-5559	3/26/2009	The hotel has 70 units. Long-term rent is available and CPNPP workers get a discounted rate. Outage workers have stayed at the hotel.
Countryside RV Park	Owner	817-573-7539	8/6/2008	Information obtained from voice recording: The facility has 30 spots that are rented monthly only. He only returns calls when there is an opening.
The Cove (formerly Pier 144 Marina and RV Park)	Director of Sales and Operations	817-279-1000	8/7/2008	The marina has 100 boat slips and 33 RV spots. During the last outage, the RV park was full of outage workers. There are no plans to expand the site in the future.
The Cove (formerly Pier 144 Marina and RV Park)	Retail	817-279-1000	7/9/2009	The RV park has 26 long-term spots, of which one-third are usually available. The facility has no room to expand the number of spots.
Dinosaur Valley State Park RV Park	Office Manager	254-897-4588	7/7/2009	The facility has 47 spots. The maximum stay is two weeks so no spots are available for long-term rent. The spots are usually full on the weekends and during the summer.
Doc's City RV Park	Manager	817-558-3971	3/12/2009	The park usually has 5 long-term spots available.
Doc's City RV Park	Manager	817-558-3971	3/12/2009	The park has 65 total spots and all of them are available for long-term rental. He would definitely expand the park if there were a large number of people in the area for a long-term project. Outage workers currently stay at the park.

Company	Title	Phone	Date	Summary
Dodge City RV Park	Park Manager	817-477-4433	7/8/2009	The park has 85 total spots, and does not have a specific number reserved for long-term. They currently cater mainly to extended stay RVs, but with the recent change in ownership they hope to market to overnight RVs as well. On average, they are about 10% full.
Economy Inn and Suites	Manager	817-573-2414	8/7/2008	The hotel has 15 units with a 60% occupancy rate. The hotel is first come first serve with no rooms blocked for recreational visitors. The hotel is available for long-term rent and is used by outage workers.
Glen Hotel	Owner	254-898-2068	7/9/2009	The hotel has 18 long-term rent rooms on the third floor that are always available, though some of them are suites or adjoining rooms that share a bathroom, so if one room is rented, the other goes off the market. The hotel was completely full during the first outage they were open, and had 3-4 people during subsequent outages.
Glen Hotel	Owner	254-898-2068	3/26/2009	The hotel has 37 total units, but it is more like a bed and breakfast so only the third floor is rented to Comanche Peak workers. The third floor has 12 total rooms. Long-term rent is available.
Glen Rose Inn and Suites	Manager	254-897-2940	2/8/2007	There are 94 units at the hotel. The hotel has an annual occupancy of 70 percent.
Glen Rose Inn and Suites	Assistant Manager	254-897-2940	3/25/2009	The hotel has 96 units and allows long-term rental. There are no plans to expand the facility. Outage workers stay at the hotel.

Company	Title	Phone	Date	Summary
Granbury Inn and Suites	Manager	817-573-2691	8/7/2008	The hotel has 67 units with a yearly occupancy rate of 70 percent. The hotel can usually accommodate both outage workers and transients. The hotel does not reserve any rooms for recreational visitors.
Hilton Garden Inn	Sales Manager	817-579-3800	3/26/2009	The hotel has 106 units. The units are available for long-term rent. Outage workers have stayed at the hotel. She anticipates the plant expansion to be a great boost to business and the local economy.
Hilton Garden Inn	Sales Manager	817-579-3800	7/9/2009	The hotel is too new to have an average occupancy rate. It was sold out on weekends during the month of June weekends and July 4th. The months of November, December, and January are the lowest occupancy. Occupancy is extremely seasonal. The hotel has 106 rooms, and the group ceiling is 70-80 rooms.
Holiday Inn Express Hotel and Suites	General Manager	254-898-9900	3/25/2009	The hotel has 71 units. Long-term rentals are available. The hotel has a special rate for people associated with the power plant. The hotel was not open for the last outage but he expects outage workers to stay at the hotel.
Holiday Inn Express Hotel and Suites	General Manager	254-898-9900	7/13/2009	The hotel declined to provide information on annual occupancy.

Company	Title	Phone	Date	Summary
Hood County	Director of Development and Compliance	817-408-2515	7/9/2009	A new RV park is in the preliminary stages. The Rio Brazos Festival Park is planned for unincorporated land south of Granbury along one of the highways leading to the plant. It will have approximately 100 spaces. Based on the number of phone calls he has received about RV parks, there seems to be high interest. He anticipates additional RV parks being created. They would be outside of Granbury in unincorporated areas due to the less strict regulations and the availability of land. RV parks are required to have central sewage and water systems. Hood County has recently changed their regulations for long-term rental. There is a maximum 90-day stay with one 90-day extension in a year for any one RV park. An RV can move to another RV park after this and receive the same length of stay. This is to prevent RV parks becoming like subdivisions with people that stay for years.
Hoof Prints Ranch RV Park	Owner	254-968-4393	7/8/2009	The park has 15 spots, all of which are available for long-term rental. Spots are available on a first-come-first serve basis, and the number available varies. The site also has cabin rentals, with one right now and plans to expand.
Inn on the River	Owner	254-897-2929	8/7/2008	The hotel has 22 units with an average yearly occupancy of 63 percent. The hotel offers no extended stay; no outage workers or construction workers would stay at the inn.

Company	Title	Phone	Date	Summary
Jurassic RV Park	Manager	254-897-1223	8/6/2008	The park has only been open a year. The park has 28 RV spots, mostly long-term. Currently 14 spots are full. If the RV Park became consistently full, they would consider expanding to have an additional 30 spots.
Jurassic RV Park	Manager	254-897-1223	7/7/2009	The park has 30 long-term RV spots. On average 20 are available.
La Quinta Glen Rose	General Manager	254-898-0680	3/13/2009	There are 65 units at the hotel. They have only been open for a month so, outage workers have not stayed at the hotel. However, they will be welcome to stay in the future. The rooms are available for long-term rent. No average annual occupancy is available.
La Quinta Inn and Suites	Desk Clerk	817-573-2007	8/6/2008	The hotel has 74 rooms with a 94% occupancy rate. Rooms are rented on a first come first serve basis. The hotel is frequented by outage workers. They do not block rooms for just recreational workers.
The Lodge of Granbury	General Manager	817-573-2606	3/13/2009	There are 41 units, all suites. Outage workers have stayed at the hotel. The rooms are available for long-term rent.
The Lodge of Granbury	General Manager	817-573-2606	7/7/2009	The hotel has an occupancy rate of 70-80% in the summer and 50-60% in the winter, with an annual average of approximately 55-65%. The hotel will make whatever arrangements are necessary to accommodate construction workers for the CPNPP expansion project if they are given a month's advance notice.

Company	Title	Phone	Date	Summary
Lost Creek RV Park	Owner	254-965-6223	7/8/2009	The park has 16 long-term, of which 12-15 are usually available. They would add additional spots if demand was sufficient.
Midway Pines RV Park and Storage	Owner	817-279-7925	8/6/2008	There are 38 RV spots at the campground. Outage workers usually stay at the park. He takes reservations for outage workers but not for any other visitors. During outages the park is completely full. The facility also has 4 cabins, 1 two-bedroom mobile home, 1-three bedroom mobile home that sleeps 5 people, and a group cottage that sleeps 6 people. Outage workers also use these facilities. The RV spots are full all year, but there was no annual attendance estimate. There are plans to expand the facility with 24 addition spots in the near future. There are longer-term plans to add 60 additional RV spots in the next three-four years.
Oakdale Park/Camp-N-Fish	Manager	254-897-2321	4/8/2008	Oakdale Park has 30 spots with approximately 250 RVs per year. Peak season is June through August. There are no plans to expand the facility. Camp-N-Fish does not offer any long-term camping and there are no plans to expand.
Oakdale Park	Office Staff	254-897-2321	7/7/2009	Any of the park's over 200 sites are available for long-term rent if the fees are paid. Generally, about 10 long-term spots are available.

Company	Title	Phone	Date	Summary
Plantation Inn on Lake Granbury	Business Manager	817-573-8846	8/7/2008	The hotel has 53 units. Rooms are rented on a first come first serve basis. The hotel is frequented by outage workers, so construction workers would be likely to stay. They do not block rooms for just recreational transients.
Plantation Inn on Lake Granbury	Owner	817-573-8846	7/7/2009	Occupancy numbers are not available to the public. The owner declined to speak further.
Ranch Oaks Mobile Home Park	Manager	817-558-4663	3/12/2009	The park has 65 spots. The park is only long-term; they rent by the month. The park would expand if there was a large increase in demand. He likes to respond to the market. He was there for the original plant construction and people came all the way from RV parks on the other side of Fort Worth to the plant. He would be very happy to have construction workers stay at the park.
Ranch Oaks Mobile Home Park	Manager	817-558-4663	7/8/2009	The park is only long-term; they rent by the month. The number of RV spots available varies; no average number is available. He would expand the number of spots if there was sufficient demand.
Shady Oaks Mobile Home RV Park	Unknown	254-965-3384	7/8/2009	The person answering the phone declined to provide information.
Sleep Inn	Front Desk	817-579-9977	7/9/2009	The hotel has an average occupancy of 45-50 percent.

Company	Title	Phone	Date	Summary
Somervell County Development Commission Office of Economic Development	Economic Development Coordinator	254-897-2919	4/1/2008	There is not a lot of housing development taking place in the county. The influx of construction workers could put a strain on housing. There are no apartments in Glen Rose and houses sell quickly. Homes in Glen Rose tend to be more expensive than similarly sized houses in Granbury. It is likely more of the construction workers will settle in Granbury. There are seven RV parks in Glen Rose: B Street RV Park (254)897-1163, Camp-N-Fish (254)897-2478, Cedar Ridge RV Park (254)897-3410, Dinosaur Valley State Park (254)897-4588, Oakdale Park (254)897-2321, Tres Rios (254)897-4253, and Jurassic RV Park (new).
Somervell County Office of Economic Development	Emergency Management Coordinator	254-897-2919	7/9/2009	She knows of no new RV parks, and she doesn't know of any particular location where an RV park would locate. A list of RV parks is available on the website.
Stewart's RV Park	Owner	817-783-3477	7/8/2009	The park has 50 spots. Long-term rent is available though there are restrictions on who can stay. There are not a set number of long-term spots and availability varies.
Thorp Spring RV Park	Owner	817-573-3043	8/7/2008	The RV park has 40 RV spots. The RV park is full all year, so there is no busy season. Outage workers stay at the site. Reservations can be made up to a week ahead of time. There are no plans to expand the site in the future.

Company	Title	Phone	Date	Summary
Tres Rios River Ranch	Office Staff	254-897-4353	8/7/2008	Outage workers stay at the site. There are 250 RV spots rented daily or monthly. There are no plans to expand the site in the future.
Tres Rios River Ranch	Park Manager	254-221-0018	7/7/2009	The park is a private membership resort. However, the park does allow workers to stay at the site during outages. There are not a set number of long-term spots. He anticipates approximately 50 spots could be made available to the plant expansion workers for long-term rental.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-10

Contact List

SOC-10 Contact List

Company	Contact	Title	Phone	Date	Summary
City of Cleburne	Bill Pannell	Water Utilities Superintendent	817-645-0946	3/24/2009	Current average daily usage of the water treatment plant is 7.3 million gpd (2008). The city has experienced a 30% increase in population from 1998-2008 and a 1000% increase in industrial demand for water due to manufacturing. Water demands from Barnett Shale are also impacting water supplies. The city plans to expand the water treatment plant from 15 million gpd to 20 million gpd in 2011. The wastewater treatment plant will likely be expanded 4-5 years after that, though they hope to use new technology to expand the plant capacity before physically increasing the plant size. The city also has water rights to 10,000 ac-ft on Lake Whitney that are not currently being used. Initially 2.1 million gpd will be developed for use in 2013, with plans to double that in the future. Currently 2 million gpd are reused for industrial purposes such as irrigation. There are plans to double that to 4 million gpd.
City of Glen Rose	Darrell Webb	Code Enforcement Officer/City Fire Marshal	254-897-3185	5/24/2007	The wastewater treatment plant is run by the city of Glen Rose. The maximum capacity is 600,000 gallons per day (gpd). It currently runs at about 45% or 320,000 gpd. The rest of the county uses private septic tanks. Drinking water for the city of Glen Rose is provided by five wells that tap into the Trinity Aquifer.

Company	Contact	Title	Phone	Date	Summary
City of Granbury	Alva Cox	Assistant Director of Utilities	817-573-7039	3/21/2007	Drinking water comes from Lake Granbury and is treated in a facility with a 500,000 gpd capacity. The wastewater treatment facility has a capacity of 2,000,000 gpd and operates at approximately half that much. The water distribution network serves about 43,000 connections with 700-800 outside the city limits of Granbury. Plans are in the works for a 10 million gpd water treatment plant at a location north of Granbury.
City of Granbury	Alva Cox	Assistant Director of Public Works	817-573-7030	9/12/2007	The city of Granbury has two water treatment plants. One plant is the Brazos River Authority SWATS plant with a 1.72 MGD maximum capacity. The plant is currently not being utilized. The second plant has a maximum capacity of 0.5 MGD and a current usage of 0.25 MGD. From all water sources, including the plants and groundwater, the city has a maximum capacity of 3.6 MGD with a current usage of 1.3 MGD. During the drought last summer usage hit a high of 2.7 MGD. He estimated that an increase on the order of 3000 workers would increase usage by 20 to 30%, but that such an increase would be well within the city's capacity. There is one wastewater treatment plant with a 2 MGD maximum capacity. The current usage of the wastewater plant is 48%. The city of Granbury does not receive any water from AMUD. Granbury does not supply any water to any other cities in Hood County. The other cities have their own wastewater treatment plants and utilize ground water for their water needs.

Company	Contact	Title	Phone	Date	Summary
City of Lipan	James Glover	Public Works Director	254-646-3345	7/14/2009	The wastewater treatment plant has a peak usage of 100,000 gpd and is currently operating at 10,000 gpd. The peak usage is approximately 20,000 gpd. The system does not handle storm water runoff.
City of Tolar	Jeff Mackey	Public Works Director	254-835-4390	9/12/2007	The city does not have a water treatment plant. Water comes from wells. The capacity of water is 280,000 GD and the current usage is 75,000 GD. The wastewater treatment plant has a capacity of 100,000 GD and is currently operating at 70% capacity. Within the next few years, there will be plans made to expand the facility.
City of Tolar	Jeff Mackey	Public Works Director	254-835-4390	7/16/2009	The wastewater treatment plant has an average usage of 45,000 gpd in the summer. For the whole year, the average is 53,000 gpd. The peak usage during a rain event is 85,000 gpd. The system is only a sanitary sewage system, but it has problems with inflow, which is why the peak usage is during a rain event.
City of Walnut Springs	Joe Harring	Water Superintendent	254-797-3721	3/22/2009	Water for the city comes from two wells and an estimated 5-6,000 gpd of drinking water are used. There are 315 connections and they could increase to 2000. No capacity numbers are available for the water treatment plant. Current usage of the wastewater treatment plant is 63,000 gpd. The maximum capacity is approximately 120,000 gpd.

Company	Contact	Title	Phone	Date	Summary
Glen Rose Wastewater Treatment Plant	Tracy Pllard	Wastewater Plant Operator	254-897-3185	7/10/2009	The plant has a total capacity of 600,000 gpd with a peak usage of 400,000 gpd. The plant serves both sanitary sewage and storm water runoff.
Granbury Wastewater Plant	Alva Cox	Assistant Director of Utilities	817-573-7039	7/20/2009	The wastewater treatment plant has a peak usage of 1.1-1.2 million gpd. The system does not handle storm water runoff.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-11

Contact List

SOC-11 Contact List

Company	Contact	Title	Phone	Date	Summary
Cherokee Rose Manor Nursing Home	Rick Villa	Administrator	254-897-7361	1/25/2007	The capacity of the home is 102 beds, although because many people request private rooms the actual limit is closer to 78. There are currently 65 residents. 16 residents are ambulatory, 45 are wheelchair-bound, and 4 are bedridden. There are three shifts: 6-2pm which usually has 28 people working, 2-10pm which has 10 people, and 10-6am which has 5 people. A total of 60 people work for the nursing home including housekeeping and administration. The facility has 1 16 passenger van that can transport 5 wheelchairs. The designated host facilities are the Glen Rose Expo Center and the Glen Rose High School.
City of Walnut Springs	Kay Moore	Mayor Pro-tem	254-797-3721	3/19/2009	The city does not have a police department but are served by the county sheriff's office with 2-3 patrols per day. The city is working to get a grant for a police department. There are approximately 10 volunteer firefighters and the city just purchased new equipment. There is one RV park with 20 spaces. It accepts long-term residents and would consider expanding if there was an increase in demand. There is also 1 trailer park with mobile homes. There are no motels or hotels. No new housing development is planned, but there are many vacant homes not currently offered for rent that would probably be offered for rent if demand increased. The city would work to include rentals. There is a wastewater treatment plant and water treatment plant. Average use for both plants is 5-6,000 gpd. Water is supplied from two wells to 315 connections and can handle twice that.

Company	Contact	Title	Phone	Date	Summary
Cleburne Fire Department	Cynthia Paniagua	Secretary	817-645-0964	3/9/2009	There are a total of 3 stations with 17 firefighters at one and 16 at the other two. These numbers include lieutenants and paramedics. All the firefighters are paid. There is currently a freeze on hiring due to budget concerns and expansion plans are on hold. There are 3 fire chiefs at the administration office.
Glen Rose Medical Center	Orson Guenther	Safety and Emergency Planning Coordinator	254-897-1453	1/26/2007	The medical center facility has 16 beds, and currently there are 12-13 patients. The company employs 80 people. However, there are organizations that serve both the hospital and nursing home during the day. About 40 people work on the day shift and 30 people on the night shift. The hospital and nursing home have 1 van for wheelchair transportation and 2 minivans. Any ambulances are provided by the county. The host facility is the Glen Rose Jr. High but may be changing to the Glen Rose Expo Center based on a county-wide plan that is being created. The nursing home facility has 118 beds, and currently there are 108 residents. Of those residents, 55 are wheelchair-bound and 20 are bedridden. The nursing home employs 200 people. However, there are organizations that serve both the hospital and nursing home during the day. About 130 people work on the day shift and 70 people on the night shift.
Glen Rose Medical Center	Orson Guenther	Safety and Emergency Planning Coordinator	254-897-1453	7/29/2008	The hospital is licensed for 16 beds, but during a disaster an additional 7-10 beds would be available. The average daily number of beds in use is 7.

Company	Contact	Title	Phone	Date	Summary
Glen Rose Medical Center	Moe Sheldon	Chief Operating Officer	254-897-2215	4/3/2008	The medical center has plans to expand the facility. The plant expansion was a deciding factor in their decision to expand now. Construction should start near July 2008 and finish in 14 to 18 months. The expansion will increase the ER capacity from 4 beds to 12 beds. ER services were the primary need during the original plant construction, so the medical center should be well positioned to meet the needs of the construction workers. There are plans to expand inpatient care once this expansion is complete and the necessary funds are available. She is not concerned in the least with any potential bust effect because the community is constantly growing. In addition, the medical center has just recruited an orthopedic surgeon and a primary care physician, two other areas that the construction workers might need.
Granbury Care Center	Brian Thomas	Administrator	817-573-3726	1/26/2007	The facility has a capacity of 181 beds and currently has 176 residents, of which 40% are wheelchair-bound and 20% are bedridden. The facility employs 170 people. About 50 people work during the 6-2pm shift, 20 people work the 2-10pm shift, and 10 work the 10-6am shift. The facility has one 15 passenger van. The host facilities are Granbury Medical Center for local evacuations and Arlington Villa for farther evacuations.
Granbury Police Department	Mitch Galvan	Police Chief	817-573-2648	5/7/2008	The department anticipates adding 3-4 officers per year. They are at the point where they need to construct a new police station, so the construction workers will accelerate those intentions. As fast as Granbury is growing, there should not be any bust effect for the police department after the workers leave.

Company	Contact	Title	Phone	Date	Summary
Granbury Police Department	Alan Hines	Captain	817-573-2648	3/29/2007	Granbury Police Department has 30 officers and 10 response vehicles. The department plans to create a community response team to assist in emergency situations due to the increasing population. The team will be made up of citizens of Granbury and Hood County and will assist both areas. They currently have 30-35 volunteers, made up of graduates of the Citizens police academy.
Harbor Lakes Plaza Nursing & Rehabilitation Center	Lisa Able	Office Manager	817-408-3800	3/12/2009	The facility has a capacity of 142 residents and currently has 89 residents.
Hood County Fire Marshal's Office	Roger Deeds	Hood County Fire Marshal	rdeeds@co.hood.tx.us	4/5/2007	There are nine fire departments in Hood County. There are 250 members in the nine departments, all of which are volunteers. The fire marshal is the only emergency planner in Hood County. Granbury VFD, Tolar VFD, Indian Harbor VFD, and DeCordova/Acton VFD have an agreement with CPSES to respond for fires. The other 5 departments respond if needed.
Hood County Fire Marshal's Office	Roger Deeds	Hood County Fire Marshal	817-579-3335	4/9/2008	The county is already adding infrastructure due to population growth so the construction workers will not affect the county's plans. As fast as the population is growing, they anticipate no bust effect when the construction workers leave.
Lake Granbury Medical Center	Shirley Graves	Chief Nursing Officer	817-579-2985	7/29/2008	The hospital has 59 licensed beds which is the maximum capacity. The average daily load is 16 beds.
Lake Granbury Medical Center	Dixie Lee Hedgecock	Director of Marketing and Business Development	817-408-3237	4/2/2008	Medical center expansion plans

Company	Contact	Title	Phone	Date	Summary
Somervell County Volunteer Firefighters Department	Brandl Stephenson	Firefighter/Para medic	254-897-2135	5/18/2007	The department has 40 total firefighters, 6 are paid and 34 are volunteers. Equipment: 1 rescue vehicle, 1 ladder truck, 3 engines, 2 tankers, 1 command vehicle, 6 brush trucks, and 3 ambulances. Emergency planning is a shared responsibility between the Fire Chief, County Sheriff, and City Manager. The department does respond to emergencies at Comanche Peak.
Texas Rangers 'F' Company	Kirby Dendy	Captain	254-754-2303	3/29/2007	One Ranger covers Hood, Erath, and Comanche counties, and one covers Johnson, Ellis, and Somervell counties. These Rangers are able to work in each other's area as needed and are also free to request additional assistance from other Rangers as dictated by the situation. If an arrest is made, the prisoner is jailed in the county where the arrest occurs.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-12

Contact List

SOC-12 Contact List

Company	Contact	Title	Phone	Date	Summary
Glen Rose ISD	Wayne Rotan	Superintendent	254-898-3901	8/29/2007	Total capacity of the district is 2862. Current enrollment is 1657. Thus the school district can handle over 1200 additional students. There are no plans to expand the district as present.
Granbury ISD	Randy Leach	Facilities Manager Granbury ISD	817-408-4077	9/17/2007	The total enrollment for the district as of September 14, 2007 is 6,882 students. During the last four years, there has been a less than 2 percent growth rate. Exact capacity numbers are not available. It depends on the grade level. The district is not at capacity, although a couple of the elementary schools are near capacity. The district is working on a long range plan. There is a board meeting next month to discuss the plan with the architectural firm. The final report should be finished by January 2008.
Granbury ISD	Randy Leach	Facilities Director	817-408-4007	4/3/2008	Right now the district is growing less than 1% per year. If the district expands due to increased students from the construction workers, the bust effect would be mitigated by construction workers that chose to remain in the area. These "residuals" helped sustain the area's growth when Units 1 & 2 were constructed.
Texas Education Agency Foundation School Program	Leo Lopez	Foundation School Program Manager	512-463-9734	7/31/2008	Glen Rose ISD and Granbury ISD are both Chapter 41 schools. Neither has a designated district partner. The revenues are sent to the state and distributed by the School Foundation Program as part of the recipients' regular state aid. Recapture amounts are based on the wealth per weighted student in average attendance. The 2007-2008 limits were \$364,500 and \$319,500 per student.

Company	Contact	Title	Phone	Date	Summary
Tolar Independent School District	Rita Morris	Business Manager	254-835-4316	4/3/2008	The school district is near capacity at the PK-8th grade level, but far from capacity at the high school level. In general the districts growth has been small. There are no plans for expansion at this time, and it would take at least 2 years to build additional classrooms. As few as 30 elementary or 100 high school students would necessitate adding classrooms. When the original reactors were built, most of the workers and families lived outside of Tolar, so the district does not anticipate a surge in students resulting from construction.
Walnut Springs ISD	Pat Garrett	Superintendent	254-797-2133	3/25/2009	No maximum capacity is available. Enrollment is holding steady so there are no plans to expand. During the construction of Units 1 & 2, enrollment increased by approximately 140 students which the district was able to accommodate. The district would expand if needed.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-13

Contact List

SOC-13 Contact List

Company	Contact	Title	Phone	Date	Summary
USDA Extension Office - Erath County	Robert Scott	County Coordinator	254-965-1460 rscott@ag.tamu.edu	1/22/2008	Asked about communities in which subsistence type activities took place within the county.
USDA Extension Office - Hood County	Beverly Greenhill	County Extension Agent	817-579-3280 bgreenhi@ag.tamu.edu	1/22/2008	Asked about communities in which subsistence type activities took place within the county.
USDA Extension Office - Somervell County	Joshua BlaneK	County Coordinator	254-897-2809 JWBlaneK@ag.tamu.edu	1/22/2008	Asked about communities in which subsistence type activities took place within the county.
University of Texas, Department of Anthropology	Dr. Kathleen C. Stewart	Professor	kstewart@mail.utexas.edu	1/22/2008	Asked about communities in which subsistence type activities took place within the area. In additional asked about any communities of Texan Appalachia in the area.

U. S. Nuclear Regulatory Commission
CP-200901266
TXNB-09036
8/28/2009

Enclosure SOC-14

Marked-up ER Page 4.1-5

Comanche Peak Nuclear Power Plant, Units 3 & 4
COL Application
Part 3 - Environmental Report

by Oncor Electric Delivery Company LLC (Oncor). The plant connects to the transmission system through a 345-kv switchyard located on the CPNPP site.

Three single-circuit transmission lines are located on existing ROWs and use existing tower structures. Two double circuit expansions require the construction of new towers on new or expanded transmission line ROW 160 ft wide. The first is a 45-mi line to Whitney and the second is a 17-mi line to DeCordova. **Figure 1.1-5** illustrates the location of the transmission lines and switchyards. No land-use impacts are anticipated from the transmission line construction activity located on existing ROWs as vegetation maintenance is already performed. Land use along the DeCordova ROW consists mainly of grassland, while the land use along the Whitney ROW consists of primarily grassland with some deciduous and evergreen forest. **Table 2.2-4** shows land use within the proposed transmission line corridors. Approximately 954 ac is anticipated to be disturbed in the Whitney ROW and approximately 149 in the DeCordova ROW is anticipated to be disturbed. Given the relatively little acreage involved and the nature of the land that will be committed, land-use impact from the expansion of the Whitney and DeCordova ROWs is expected to be SMALL.

The proposed transmission lines are 110 feet high and crosses through Bosque, Hood and Somervell Counties within the region. According to ONCOR, the Whitney line is approximately 45 miles long and the DeCordova line is approximately 17 miles long. The Whitney line traverses Dinosaur Valley State Park and is clearly visible throughout the park except in areas of low elevation. There are nine additional parks, Adair Spring Park, American Legion Park, Cleburne State Park, Ham Creek Park, Meridian State Park, Nolan River Park, Oakdale Park, Steele Creek Park, and Lake Whitney State Park within the proposed transmission line viewshed. The distances from these parks to the transmission lines are 5.2, 18.9, 9.7, 6.2, 13.3, 5.5, 4.2, 2.9 and 3.9, respectively. It is also anticipated that the DeCordova line will be visible from portions of Reunion Grounds located near Lake Granbury, approximately 5.7 miles away. Given the length of the proposed transmission lines and their prospective visibility from eleven state parks, the aesthetic impact from the expansion of the Whitney and DeCordova ROWs is anticipated to be SMALL to MODERATE.

RAI SOC-14

4.1.3 HISTORIC PROPERTIES

This subsection focuses on the effects of CPNPP Units 3 and 4 construction activities on existing historic properties on the CPNPP site and within 10 mi of its boundary. According to 36 CFR 800 (I), historic properties are defined as those properties that are eligible for inclusion in the National Register of Historic Places (NRHP) or that are already listed on the NRHP. Aboveground historic properties and archaeological sites are among the entities that can be considered for NRHP inclusion. According to 36 CFR 60.4 aboveground historic properties can possess integrity individually or as contributing properties to historic districts. Furthermore, their significance depends on specific criteria of event, person, design/construction, or information potential, and integrity involves both architectural and aesthetic elements, including location, design, setting, materials, workmanship, feeling, and association. Archaeological sites can be affected directly by physical damage to surface features or subsurface deposits. Generally, noise-related effects are extraneous to archaeological sites because the integrity of site patterning is unaffected; likewise, aesthetic/visual effects on archaeological sites are extraneous because archaeological site integrity depends on the ability to address research questions that are independent of the preservation of site ambiance.