



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 14, 2012

Mr. D. W. Rencurrel
Vice President, Technical Support and Oversight
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, TX 77483

SUBJECT: ISSUANCE OF ENVIRONMENTAL SCOPING SUMMARY REPORT
ASSOCIATED WITH THE STAFF'S REVIEW OF THE APPLICATION BY STP
NUCLEAR OPERATING COMPANY FOR RENEWAL OF THE OPERATING
LICENSES FOR SOUTH TEXAS PROJECT, UNITS 1 AND 2

Dear Mr. Rencurrel:

The U.S. Nuclear Regulatory Commission (NRC or the staff) initiated the scoping process and solicited public comments from January 31, 2011, to April 1, 2011, to determine the scope of the staff's environmental review of the application for renewal of the operating licenses for South Texas Project (STP), Units 1 and 2. The scoping process is the first step in the development of a plant-specific supplement to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS), for STP, Units 1 and 2.

As part of the scoping process, the staff held two public environmental scoping meetings in Bay City, TX on March 2, 2011, to solicit public input regarding the scope of the review. The staff also received written comments by letter and e-mail. At the conclusion of the scoping process, the staff prepared the enclosed environmental scoping summary report identifying comments received during the scoping period. In accordance with Title 10 of the *Code of Federal Regulations* 51.29(b), the staff will send a copy of the scoping summary report to all participants in the scoping process.

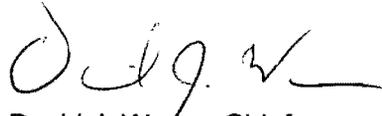
The transcripts of the public scoping meetings are available for public inspection in the NRC Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from the NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. The transcripts for the afternoon and evening meetings are listed under accession numbers ML110840441 and ML110840433, respectively. Persons who encounter problems in accessing documents in ADAMS should contact the NRC's PDR reference staff by telephone at 1-800-397-4209 or 301-415-4737 or by e-mail at pdr.resource@nrc.gov.

D. W. Rencurrel

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The draft supplement to the GEIS is scheduled to be issued in November 2012. A notice of the availability of the draft document and the procedures for providing comments will be published in the *Federal Register*. If you have any questions concerning the staff's environmental review of this license renewal application, please contact Mr. Tam Tran, Project Manager, at 301-415-3617 or by e-mail at Tam.Tran@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "D. J. Wrona", with a stylized flourish at the end.

David J. Wrona, Chief
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure:
As stated

cc w/encl: Listserv

**Environmental Impact Statement
Scoping Process**

Summary Report

South Texas Project, Units 1 and 2

2012



**U.S. Nuclear Regulatory Commission
Rockville, Maryland**

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A. Introduction

The U.S. Nuclear Regulatory Commission (NRC) received an application from STP Nuclear Operating Company (STPNOC), dated October 26, 2010, for renewal of the operating licenses for South Texas Project (STP), Units 1 and 2. STP is located in Bay City, TX. The purpose of this report is to provide a concise summary of the determinations and conclusions reached, including the significant issues identified, as a result of the scoping process in the NRC's environmental review of this license renewal application.

As part of the application, STPNOC submitted an environmental report (ER) (STPNOC 2010) prepared in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51, which contains the NRC requirements for implementing the National Environmental Policy Act of 1969 (NEPA). The requirements for preparation and submittal of ERs to the NRC are outlined in 10 CFR 51.53(c)(3).

The requirements in 10 CFR 51.53(c)(3) were based upon the findings documented in NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (GEIS) (NRC 1996, 1999). In the GEIS, the staff identified and evaluated the environmental impacts associated with license renewal. After issuing a draft version of the GEIS, the staff received and considered input from Federal and State agencies, public organizations, and private citizens before developing the final document. As a result of the assessments in the GEIS, a number of impacts were determined to be generic to all nuclear power plants (or, in some cases, to plants having specific characteristics such as a particular type of cooling system). These generic issues were designated as "Category 1" impacts. An applicant for license renewal may adopt the conclusions contained in the GEIS for Category 1 impacts unless there is new and significant information that may cause the conclusions to differ from those of the GEIS. Other impacts that require a site-specific review were designated as "Category 2" impacts and are required to be evaluated in the applicant's ER.

On January 31, 2011, the NRC initiated the scoping process for the STP environmental review by issuing a Federal Register notice (76 FR 5410). This notified the public of the staff's intent to prepare a plant-specific supplement to the GEIS regarding the application for renewal of the STP, Units 1 and 2, operating licenses. The plant-specific supplement to the GEIS is referred to as the Supplemental Environmental Impact Statement or SEIS. The SEIS will be prepared in accordance with 10 CFR Part 51.

The scoping process provides an opportunity for public participation to identify issues to be addressed in the SEIS and to consider public concerns and issues. The notice of intent identified the following objectives of the scoping process:

- Define the proposed action
- Determine the scope of the SEIS and identify significant issues to be analyzed in depth
- Identify and eliminate peripheral issues
- Identify any environmental assessments and other environmental impact statements being prepared that are related to the SEIS
- Identify other environmental review and consultation requirements
- Indicate the schedule for preparation of the SEIS
- Identify any cooperating agencies
- Describe how the SEIS will be prepared

The NRC's proposed action is whether to renew the STP, Units 1 and 2, operating licenses for an additional 20 years.

The scope of the SEIS includes an evaluation of the environmental impacts of STP license renewal and reasonable alternatives to license renewal. The 'Scoping Comments and Responses' section of this report includes specific issues identified by the comments. The subsequent NRC responses explain if the issues will be addressed in the SEIS and, if so, where in the report they will likely be addressed. At the onset of the project, the NRC identified several significant issues, which are site specific and defined as applicable Category 2 issues, for this license renewal review. The significant issues that were identified in the scoping process are water usage and potential groundwater impacts related to tritium releases.

Throughout the scoping process, the NRC staff identified and eliminated peripheral issues. This report provides responses to comments that were considered to be peripheral and will be evaluated no further. Those that were considered to be in scope will be evaluated in detail and documented in the appropriate sections of the SEIS for STP, Units 1 and 2, license renewal.

Another environmental impact statement has been prepared by the staff for the STP, Units 3 and 4, proposed new reactors and was published in February 2011 (NRC 2011a, 2011b). The EIS for the proposed new reactors contains a bounding cumulative impact analysis for STP, Units 1, 2, 3, and 4. The staff stated in the EIS: "The review team considered, among other things, cumulative effects of the proposed Units 3 and 4 with current operations at existing STP Units 1 and 2."

The NRC staff is required to consult with the National Marine Fisheries Service (NMFS) and U.S. Fish and Wildlife Service (FWS) under the Magnuson-Stevens Fisheries Conservation and Management Act and Section 7 of the Endangered Species Act in order to evaluate the potential impacts of continued operation on the affected endangered species. The staff is consulting with these agencies during this review.

The NRC staff plans to coordinate compliance with Section 106 of the National Historic Preservation Act (NHPA) in meeting the requirements of NEPA. Pursuant to 36 CFR 800.8(c), the NRC intends to use its process and documentation for the preparation of the SEIS for the proposed action to comply with Section 106 of the NHPA in lieu of the procedures set forth at 36 CFR 800.3 through 800.6. In order to fulfill its obligations, the NRC initiated consultation with the Advisory Council on Historic Preservation, the Texas State Historic Preservation Officer, and Indian tribes who were considered to have historical ties to the vicinity of STP. The following tribes are being consulted:

- Ysleta del Sur Pueblo
- Kiowa Tribe of Oklahoma
- Tonkawa Tribe of Oklahoma
- Lipan Apache Tribe of Texas
- Tap Pilam-Coahuiltecan Nation
- Pamaque Clan of Coahuila Y Tejas
- Alabama-Coushatta Tribe
- Comanche Nation
- Apalachicola Creek
- Lipan Apache Band of Texas
- Kickapoo Traditional Council
- Apalachicola Band of Creek Indians

The staff lists the consultation with agencies and Indian tribes in Appendix D and Appendix A of the SEIS as appropriate. The Agencywide Documents Access and Management System (ADAMS) accession number for each consultation correspondence received during the scoping

period is listed in Table 2 of this report. The staff did not identify any cooperating agencies for the STP license renewal review and expects to publish the draft SEIS in November 2012.

The staff will prepare the SEIS with contract support from Pacific Northwest National Laboratory (PNNL) in the areas of cultural resources, hydrology, and severe accident mitigation alternatives (SAMA).

The NRC invited the applicant; Federal, State, and local government agencies; Indian tribal governments; local organizations; and individuals to participate in the scoping process by providing oral comments at scheduled public meetings or by submitting written comments before the end of the scoping comment period on April 1, 2011. The scoping process included two public meetings, which were held on March 2, 2011, at the Bay City Civic Center, 201 Seventh Street, Bay City, Texas 77414. The NRC issued press releases, purchased newspaper advertisements, and distributed flyers locally to advertise these meetings. Approximately 60 people attended the meetings. Each session began with NRC staff members providing a brief overview of the license renewal process and the NEPA environmental review process. Following the NRC's prepared statements, the floor was opened for public comments. Twenty seven attendees provided oral comments that were recorded and transcribed by a certified court reporter. The transcripts of the comments from these meetings are included at the end of this report. The NRC issued a summary of the scoping meetings on May 19, 2011 (NRC 2011c).

All documents associated with this scoping process are available for public inspection in the NRC Public Document Room (PDR), located at One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852, or from ADAMS. The ADAMS Public Electronic Reading Room is accessible at <http://www.nrc.gov/reading-rm/adams.html>. Persons who encounter problems in accessing documents in ADAMS should contact the NRC's PDR Reference staff by telephone at 1-800-397-4209 or 301-415- 4737 or by e-mail at pdr.resource@nrc.gov.

In addition to the public comments received at the March 2011 meetings, the NRC received 61 comment submissions related to the scoping of the SEIS. The ADAMS accession number for each transcript and submission is listed in Table 1 of this report.

At the conclusion of the scoping period, April 1, 2011, the staff reviewed the transcripts, meeting notes, and the 48 written communications received and docketed in ADAMS in order to identify individual comments. The 48 written communications of public comments are included at the end of this report and are listed in Table 1. The remaining 13 additional communications received in ADAMS after the closure of the comment period were also considered by the staff, included in this report, and listed in Table 1. Each of the comments was marked with a unique identifier including the Commenter ID (specified in Table 1) and a comment number allowing each comment to be traced back to the transcript, letter, or e-mail in which the comment was submitted. Comments were consolidated and categorized according to the subject areas within the draft SEIS or according to a general topic if beyond the scope of the SEIS. Once comments were grouped according to subject areas, the staff determined the appropriate action for the comment. The action or resolution for each comment is described in the staff's responses in this report.

Table 1 identifies the individuals providing comments and the assigned Commenter ID. For oral comments, the individuals are listed in the order in which they spoke at the public meeting. Accession numbers identify the source document of the comment in ADAMS.

Table 2 (at the end of this report) lists the consultation correspondences received by the staff associated with the scoping process. The accession numbers identify the source document in ADAMS. These consultations will be addressed in the SEIS, as appropriate.

B. Scoping Participants

TABLE 1. Individuals Providing Comments During The Scoping Comment Period

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Randy Weber	State Representative	Comments from the transcript, afternoon	STP 1	ML110840441
Judge Nate McDonald	Matagorda County judge and local emergency response official	Comments from the transcript, afternoon	STP 2	ML110840441
Mark Bricker	Bay City mayor	Comments from the transcript, afternoon	STP 3	ML110840441
Ron Paul's office representative	U.S. Congressman	Comments from the transcript, afternoon	STP 4	ML110840441
Ed Halpin	STP CEO	Comments from the transcript, afternoon	STP 5	ML110840441
Carolyn Thames	Bay City council member	Comments from the transcript, afternoon	STP 6	ML110840441
Don Booth	Director Local 211 Pipefitter Union of 3,000	Comments from the transcript, afternoon	STP 7	ML110840441
Cheryl Stewart	Bay City Community Development Corporation board member and Bay City Historic Commission	Comments from the transcript, afternoon	STP 8	ML110840441

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
David Dunham	Matagorda County resident	Comments from the transcript, afternoon	STP 9	ML110840441
Owen Bludau	Director of Matagorda County Economic Development Corporation	Comments from the transcript, afternoon	STP 10	ML110840441
Kesha Rogers	Congressional candidate for 22nd Congressional District	Comments from the transcript, afternoon	STP 11	ML110840441
James Lovett	Private citizen	Comments from the transcript, afternoon	STP 12	ML110840441
D. C. Dunham	Bay City Community Development Corporation	Comments from the transcript, afternoon	STP 13	ML110840441
Willie Rollins	Matagorda County resident	Comments from the transcript, afternoon	STP 14	ML110840441
Ian Overton	LaRouche PAC organizer	Comments from the transcript, afternoon	STP 15	ML110840441
John Corder	Brazoria County resident	Comments from the transcript, evening	STP 16	ML110840433
Judge Nate McDonald	Matagorda County judge	Comments from the transcript, evening	STP 17	ML110840433

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Mitch Thames	Chamber of Commerce, emergency response public information officer	Comments from the transcript, evening	STP 18	ML110840433
Tim Powell	STP vice president	Comments from the transcript, evening	STP 19	ML110840433
Ken Head	Small business owner	Comments from the transcript, evening	STP 20	ML110840433
Mike Bolin	General contractor	Comments from the transcript, evening	STP 21	ML110840433
John Corder	Brazoria County resident	Comments from the transcript, evening	STP 22	ML110840433
Casey Kile	Bay City Babe Ruth (local sport organization)	Comments from the transcript, evening	STP 23	ML110840433
Robert Singleton	Austin resident	Comments from the transcript, evening	STP 24	ML110840433
Karen Hadden	SEED Coalition	Comments from the transcript, evening	STP 25	ML110840433
Bobby Head	Matagorda County resident	Comments from the transcript, evening	STP 26	ML110840433
Tom Kovar	Bay City business owner	Comments from the transcript, evening	STP 27	ML110840433

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Vicki Adams	Superintendent Palacios ISD	Comments from submitted letters and electronic means	STP 28	ML110730188
Eva Esparaza	Austin resident	Comments from submitted letters and electronic means	STP 29	ML110960078
Darby Riley	San Antonio resident	Comments from submitted letters and electronic means	STP 30	ML110960079
Kamala Platt	NA	Comments from submitted letters and electronic means	STP 31	ML110960080
Marion Mlotok	Austin resident	Comments from submitted letters and electronic means	STP 32	ML110960081
Karen Seal	Lacoste resident	Comments from submitted letters and electronic means	STP 33	ML110960082
Kassandra Levay	San Antonio resident	Comments from submitted letters and electronic means	STP 34	ML110960083
Unknown	NA	Comments from submitted letters and electronic means	STP 35	ML110960084

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
T. Burns	Midland resident	Comments from submitted letters and electronic means	STP 36	ML110960086
Jolly Clark	NA	Comments from submitted letters and electronic means	STP 37	ML110960087
Dale Bulla	NA	Comments from submitted letters and electronic means	STP 38	ML110960088
William Stout	NA	Comments from submitted letters and electronic means	STP 39	ML110960089
C. J. Keudell	Austin resident	Comments from submitted letters and electronic means	STP 40	ML110960090
Tarek Tonsson	NA	Comments from submitted letters and electronic means	STP 41	ML110960091
Carol Geiger	NA	Comments from submitted letters and electronic means	STP 42	ML110960092
Veryan and Greg Thompson	NA	Comments from submitted letters and electronic means	STP 43	ML110960093

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Robert Singleton	NA	Comments from submitted letters and electronic means	STP 44	ML110960094
Karen Hadden	SEED Coalition	Comments from submitted letters and electronic means	STP 45	ML110960095
Alan Apurim	NA	Comments from submitted letters and electronic means	STP 46	ML110960096
Brandi Clark Burton	Austin resident	Comments from submitted letters and electronic means	STP 47	ML110960097
Carol Geiger	Austin resident	Comments from submitted letters and electronic means	STP 48	ML110960098
Eric Lane	San Antonio resident	Comments from submitted letters and electronic means	STP 49	ML110960099
Jenna Findley	NA	Comments from submitted letters and electronic means	STP 50	ML111010476
Margaret Reed	Austin resident	Comments from submitted letters and electronic means	STP 51	ML111010477

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Scott and Cyndy Reynolds	NA	Comments from submitted letters and electronic means	STP 52	ML111010478
Jennifer Meador	Austin resident	Comments from submitted letters and electronic means	STP 53	ML111010604
Joy Malacara	Austin resident	Comments from submitted letters and electronic means	STP 54	ML111010479
Melanie and David Winters	NA	Comments from submitted letters and electronic means	STP 55	ML111010506
J. R. Rhode	NA	Comments from submitted letters and electronic means	STP 56	ML111010507
Christine Fry	NA	Comments from submitted letters and electronic means	STP 57	ML111010508
Leona Slodge	Austin resident	Comments from submitted letters and electronic means	STP 58	ML111010509
Carolyn Campbell	Austin resident	Comments from submitted letters and electronic means	STP 59	ML111010510

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Bryan Dunlap and Todd Rinehart	NA	Comments from submitted letters and electronic means	STP 60	ML111010517
Peggy Cravens	Austin resident	Comments from submitted letters and electronic means	STP 61	ML111010518
Shannon Jurak	Austin resident	Comments from submitted letters and electronic means	STP 62	ML111010519
Thomas Nelms	NA	Comments from submitted letters and electronic means	STP 63	ML111010520
T. Nelms	NA	Comments from submitted letters and electronic means	STP 64	ML111010521
Peggy Pryor	Andrews resident	Comments from submitted letters and electronic means	STP 65	ML110960077
Edmund Kelley	Austin resident	Comments from submitted letters and electronic means	STP 66	ML11105A023
Maria Hogan	NA	Comments from submitted letters and electronic means	STP 67	ML11105A020

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Randy Weber	State Representative	Comments from submitted letters and electronic means	STP 1	ML11108A059
Beth Larsen	Austin resident	Comments from submitted letters and electronic means	STP 68	ML11119A007
Dzan Nguyen	Austin resident	Comments from submitted letters and electronic means	STP 69	ML11119A008
John Trimble	Austin resident	Comments from submitted letters and electronic means	STP 70	ML11119A010
Aguilar family	NA	Comments from submitted letters and electronic means	STP 71	ML11119A011
Juan Aguilar	NA	Comments from submitted letters and electronic means	STP 72	ML11119A012
Douglas McArthur	Austin resident	Comments from submitted letters and electronic means	STP 73	ML11119A013
Shawn Tracy	NA	Comments from submitted letters and electronic means	STP 74	ML11119A014

Commenter	Affiliation (If Stated)	Comment Source	Commenter ID	ADAMS Accession Number
Kelly Simon	Austin resident	Comments from submitted letters and electronic means	STP 75	ML11119A015
NA	NA	Comments from submitted letters and electronic means	STP 76	ML11119A016
Judy Moore	NA	Comments from submitted letters and electronic means	STP 77	ML11119A017
Cynthia Gebhardt	NA	Comments from submitted letters and electronic means	STP 78	ML11119A018
Rory Holcomb	Austin resident	Comments from submitted letters and electronic means	STP 79	ML11119A019
NA	NA	Comments from submitted letters and electronic means	STP 80	ML11119A020

The comments and suggestions received as part of the scoping process are documented in this section where the disposition of each comment is discussed. Each comment received an identifying number for the purpose of discussion in this scoping summary report. The meeting transcripts and written comments are included in their original form at the end of this report.

Comments have been grouped into the following general categories:

1. General Comments in Support of or Opposition to STPNOC, Nuclear Power, or License Renewal for STP
2. Alternatives to License Renewal of STP, Units 1 and 2
3. Socioeconomic Impacts of STP, Units 1 and 2
4. Water Usage

5. Human Health
6. Postulated Accidents
7. Terrestrial or Aquatic Ecology
8. Long-term Storage of Waste
9. Energy Efficiency or Energy Demand
10. Nuclear Liability Indemnification or Compensation
11. Comments Beyond The Scope of NRC's Environmental Review
 - Plant Security
 - Emergency Preparedness
 - Safety and Aging Management of Plant Systems
 - Events at Fukushima Japan

In those cases where no new environmental information was provided by the commenter, only a brief response has been provided to the comment, and no further evaluation will be performed in the SEIS.

The preparation of the SEIS will take into account all the relevant issues raised during the scoping process. The SEIS will address both Category 1 and 2 issues, along with any new information identified as a result of the scoping process. The SEIS will rely on conclusions supported by information in the GEIS for Category 1 issues, analysis of Category 2 issues, and any new and significant information that may cause the conclusions to differ from those of the GEIS. The NRC will issue a draft SEIS (DSEIS) for public comment. The DSEIS comment period will offer the next opportunity for the applicant, interested Federal, State, and local government agencies, Indian Tribal governments, local organizations, and other members of the public to provide input to the NRC's environmental review process. The comments received on the DSEIS will be considered in the preparation of the final SEIS (FSEIS). The FSEIS, along with the staff's safety evaluation report (SER), will provide much of the basis for the NRC's decision on the STPNOC application to renew the licenses of STP. The NRC will issue its Record of Decision in accordance with 10 CFR 51.103 as a part of the issuance of the renewed license, as appropriate.

C. Scoping Comments and Responses

The staff provides responses to public comments in this section in accordance with 10 CFR 51.29. In providing the responses, the staff identifies the significant issues to be analyzed in depth and eliminated from detailed study the issues that are peripheral or not significant or that have been covered by prior environmental review. For those issues that will not be evaluated further, the staff provides (a) a brief presentation of why the issues are peripheral or will not have significant effect on the quality of the human environment or (b) a reference to their coverage elsewhere.

Scoping comments that are shown below are from the original sources and listed here for ease of reading.

1. General comments in support of or opposition to STPNOC, nuclear power, and license renewal for STP

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 1-1, 1-3, 2-1, 4-1, 5-1, 6-1, 7-1, 9-2, 10-3, 11-1, 12-1, 15-2, 16-2, 17-1, 19-1, 20-1, 20-4, 21-1, 22-2, 26-1, 27-1, 27-3, 28-1, 39-1, 56-1, 57-1, 59-1, and 61-1. In summary, these comments are general in nature and express support of or opposition to STPNOC, nuclear power, or license renewal of STP.

Comment 1-1: I am writing to strongly support the license renewal for an additional 20 years of Units [1] and 2 at the South Texas Project Nuclear Operating Company in Matagorda County.

Comment 1-3: I believe nuclear energy plays an important role in the long-term energy future of Texas. There is a growing recognition of nuclear energy's environmental benefits and its role in providing much-needed generating capacity in our state for many years to come.

I strongly support the license renewal for [Units] 1 and 2 at STP and urge the Nuclear Regulatory Commission's favorable consideration.

Comment 2-1: With regards to Units 1 and 2, the culture of excellence that these gentlemen and women have brought forth here at STP Nuclear Operating Company is unparalleled in America, it's well recognized in the industry but also outside the industry now. And we have an opportunity today here, ladies and gentlemen, to move this agenda forward for another 20 years. It's to the benefit of Matagorda County, the State of Texas and all the nation to have folks that do business in this manner continue to do business for just as long as they're viable and willing to do that type of business.

And they've shown in over 20 years of operation now their commitment to excellence and in doing the right thing for the right reasons. They've place safety above profit, they've gone down that path many, many times, and they continue on that path every day. That's the way they conduct themselves. And I can tell you, as the county's top official, it's very, very gratifying to have a company such as this who does place safety of its employees and its citizenry over profits. That's a very, very rare thing in the corporate world, ladies and gentlemen, but it goes on right here in Matagorda County every day.

So, NRC, I thank you again for hosting us. I'd ask, as Representative Weber did, that you would give strong consideration to this renewal. This is one that you won't ever have to back away from. These ladies and gentlemen are committed to excellence and they're going to do a very, very good job for another 20 years should you decide to grant this renewal.

Comment 4-1: Good afternoon. On behalf of Congressman Paul, I am pleased to endorse the proposed license extension of the South Texas Project.

The South Texas Project has been an integral part of the 14th Congressional District and the Matagorda County community for more than 20 years, producing clean, safe and reliable electricity to 2 million Texans.

At this time, Texas is the second largest state in the country, with more than 25 million residents. Along with this growth, the demand for electricity has increased. With the challenges of climate change. Congressman Paul believes that nuclear energy must play a role in our state's energy future for decades to come.

Congressman Paul believes that nuclear generation has significant environmental advantages. Electricity from nuclear is carbon-free, producing no greenhouse gases. And on behalf of Congressman Paul, we fully support the license extension of STP Units 1 and 2 for an additional 20 years.

Comment 5-1: Let me mention that we recognize, as the operating company, that we have a very special trust that you have given us, and that's the trust of putting safety first, so you have our commitment. We've done that for 20-plus years and you have my personal commitment that we'll continue to do so in the future, putting safety first.

Comment 6-1: I want to share with you my perception of the operation of the South Texas Project Nuclear Operating Company. I work with, worship with, and know the employees of this nuclear plant. I trust their work and their judgment in running one of the best nuclear plants in the United States. I wasn't born here; my family chose to live and work here. Our nuclear plant has operated here safely for over 25 years and we feel very safe with STP providing reliable power to our state.

Comment 7-1: Good afternoon. I'm Don Booth. I'm the director of organizing and marketing for Pipefitters Local 211, and from 1984 to 1989 I was a worker on STP Units 1 and 2. I was a pipefitter for Ebasco, I was a foreman and a general foreman. I know the pride we built those units with and the safety we built into them, and I know the seriousness that STP has taken with its environmental impact.

And as a representative of Pipefitters Local 211 of 3,000 members, many of which live in the surrounding communities, we strongly support the renewal of Units 1 and 2. Thank you.

Comment 9-2: In my opinion, for the NRC a look at the record of positives associated with the safe operation of the South Texas Project, through its long established operating history, should be the greatest supporting factor in consideration of the extension of their operating license. Thank you.

Comment 10-3: As you are aware, STP is seeking a construction and operating permit for proposed Units 3 and 4. Matagorda County wholeheartedly supports this expansion. We would not be so wholeheartedly behind the expansion if Units 1 and 2 did not have such an outstanding

and performance record. The uncertainty factor that was here before Units 1 and 2 began operations have been replaced with wholehearted support by proven performance, management and operations.

Matagorda County is pro-nuclear. We fully expect that an extension of the operating permit for Units 1 and 2 will continue STP's outstanding performance, reliability and reputation.

Last week I received my copy of the final EIS statement for Units 3 and 4. It was thoroughly done, very comprehensive. I read many sections of it, and I know that the EIS for Units 1 and 2 renewal will be as thorough and as complete.

On behalf of the MCEDC, Matagorda County Economic Development Corporation, I strongly support the expansion of the permit for Operating Units 1 and 2. Thank you.

Comment 11-1: And as many people may know, if you're familiar with the advocacy of Mr. LaRouche, he has been a proponent of fusion energy technology for quite some time, and this has been my collaboration over the years. And as I said, I'm not just here to advocate for the South Texas plant and the project here, but also for a renaissance in nuclear technology and fusion energy throughout the country.

And this must be the wave of the future and it is the only means of addressing what we face now as a total economic breakdown crisis in our economy. As inflation continues, as you see more and more people left without food, as speculation on food, looking at what's happening with our water resources, it is imperative that not only are we addressing the needs for advancements in nuclear fusion technology here but across the planet.

What I'd like to say is in addressing this global crisis, it is important to realize that there is going to be no economic recovery worldwide without the commitment on the part of the United States to the development of nuclear power and fusion research. Nuclear energy offers a higher energy flux-density and is currently the most efficient than any other power mastered by man.

As a part of the advocacy for a total renaissance in nuclear, I have been a proponent and actively working for the implementation of the North American Water and Power Alliance. It is a large scale bioengineering project which calls for somewhere between 169 million acre feet of water directed from Alaska through Canada, with development of tunnels, pumps, lifts, canals, and the sawtooth lift function of this project will require about 26 gigawatts of power and will require about 30-plus or so nuclear stations to be operable. We could use the 400 megawatts model of nuclear plants such as the GE prism model.

This North American Water and Power Alliance is the vision for the future of mankind, it is a means for solving the long-term needs for mankind for the next 50 years plus in water and resource development. This is also going to pave the way for the development and extraterrestrial imperative for space colonization.

And what I'd like to do is also to add to the records my support for this project and advancements in nuclear projects throughout the country, throughout the planet is a documentation that was drafted by Nuclear Engineer DeWitt Moss entitled "The Sawtooth Lift Nuclear Power Design" and also an overview of the North American Water and Power Alliance Project. Thank you very much.

Comment 12-1: I think that to the long litany of support for the reactors, about the only thing I can add is to just spend one minute on information that I got from other nations. I saw a statistic just today. The U.S. has fewer than 25 percent of the operating nuclear reactors in the world, we have fewer than 25 percent of the proposed or under construction reactors for the next few years. We need more nuclear energy.

Comment 15-2: So what we have to deal with is actually the most important thing we have to be looking at when we're talking about nuclear power and the necessity of expanding our nuclear industry is that the way in which we're going to be able to create resources in the future. You only get enough heat density in a given area through nuclear power to do things like create fresh drinking water, or distill medical isotopes, or other things that civilized society depends upon to create a dignified standard of living for all of its population.

Therefore, one of the most dangerous environmental impacts is the political agenda against nuclear power which, in effect, is also against humanity because humanity needs to progress in the direction of increasing the productive powers of labor and the productive work of society overall -- which is something that STP contributes to, as you've heard, as nuclear power contributes to overall.

And I think that the nuclear station here, given the opportunity, will be a very happy contributor to eventually realizing 6,000 gigawatts of nuclear electricity which is about what's going to be needed to bring the world up to a living standard that is actually acceptable for a species such as ours.

Comment 16-2: We're here tonight to understand that the NRC and the STP are interested in continuing their license. I agree with that. I agree also that in that process their policy should be changed in words that would say that we, STP, will identify to the, for example, Bay City Library, will put in the concerns that are presented to them so that the public will have access to know what they were, what the resolution was, and if it in fact was completed.

NRC Staff's note: Suggestions for improvement to STPNOC's documentation practices, in addition to general support of STP license renewal, are beyond the scope of the staff's environmental review. The NRC staff is unable to comment on suggestions to STPNOC. A copy of the DSEIS and FSEIS will be placed with the Bay City library for public inspection. Appendix A of the DSEIS and FSEIS will contain comments received during the review and the staff's consideration of the comments.

Comment 17-1: Ladies and gentlemen, by its very definition, an electric generating station is designed to churn out power seven days a week, 24 hours a day, and hopefully 365 days a year, unless, of course, you have those unforeseen events that come along from time to time.

Just last month we had one of those unforeseen events right here in this county and in many, many parts of the State of Texas. Many, many of the electric generating stations in the state did a fine job; many, many of them fell offline. I can tell you, though, from firsthand knowledge that one of those stations that didn't go offline and that did do a very, very good job was right here in Matagorda County. We had two units of nuclear that operated completely right through every outage that was in this cold snap that we had, and not only that, but did it in a safe and reliable

manner with no reportable injuries, the whole thing. You know, that in itself is plenty to keep this station running for another 20 years.

If we start down the path of all the other ancillary things that this plant has for Matagorda County, it's going to take a heck of [a lot] more than the three to five minutes that I have, so I'm not going to start down that path. But what I will tell you and what I do know from firsthand observation is that this plant is committed to the safety and the well-being of the citizens of Matagorda County, to their employees, and that's what they practice first and foremost is safety, and they do that oftentimes at the expense of profits.

And I can tell you that's a very, very refreshing take on a business model because you don't see that much in corporate America these days, ladies and gentlemen. But we see that and we have that right here in Matagorda County, and all the while having promulgated and carried out that culture of excellence that they practice. They've developed a very good business model that does allow them to produce and does allow them to lead the nation, and even the world, in safe and reliable electric generation.

So that, in a nutshell, for me is what's the very most important thing about consideration for this renewal that we're talking about tonight.

I hope that the NRC will smile favorably upon this plant's request and I'd hope that you would grant it. And if there's ever anything that I or my office or any of the commissioners that serve on the court with me can answer for you, I'd hope that you would call us and ask those questions of us and give us the chance to answer those for you.

We do appreciate you all being here this evening, we do appreciate STP's confidence in us, and we especially appreciate STP's willingness to grow out their legacy for the county by another 20 years in filing this application.

Comment 19-1: I would also just like to state that over the last seven years we have had the top two-unit producing power plant in the United States, and over the last five years the top two-unit producer in the world. We accomplished that by focusing on safety first. Nuclear safety is our number one priority and something that we hold very dear, and we continuously focus on it.

Our employees are active in the community. I think we are an excellent corporate citizen, and we look forward to doing that all the way to 2047 and 2048. We look forward to serving Matagorda County through the production of safe, clean, carbon-free electricity over those extra 20 years. Thank you.

Comment 20-1: I'd like to express it's necessary for the continued growth of our county for you to issue the 20-year continuation of STP. STP employees are some of my top customers and they're the ones that keep our community afloat, as well as our small businesses, our hotels, our food eateries, everywhere else. I would imagine you're staying at some of those fine utilities this evening.

As a long-time resident of Bay City, I've seen the good, the bad and the ugly of STP, and good thing I've never seen any bad or ugly, everything I've seen has been pretty good. And I appreciate the leadership out there that I see sitting around this room that has made that happen.

Comment 20-4: As well, it is my opinion that if the renewal should be given to STP, I think the highly qualified organization out there will continue working on 1 and 2 as they continue to build 3 and 4, and I think you ought to take that into accountability that with the 3 and 4 coming on that they can continue to operate 1 and 2 successfully.

Comment 21-1: There's not much else to say after Ken Head covered the waterfront, and I agree with everything that he said. And I'd also like to, for the record, say that I am absolutely for the continuation of such a good neighbor and a good employer, just a good citizen. Our hopes are that it will continue and that we're for it, and we just wish we had more employers like you in this county. Thank you.

Comment 22-2: So I'm hoping that in the renewal -- and I wish that the plants get renewed, I'm not going to say about nuclear not being safe, et cetera.

Comment 26-1: To back up a few years and tell you things that I've witnessed, back 30 years ago when we were talking about the plant, there was a group of people that decided they were going to protest it. They were from Austin, Boston, Houston, San Francisco, and they rented buses and they came down here, and they put it in the newspaper that they had a thousand balloons that they were going to release into the atmosphere, and that's what would happen if they had a meltdown, this nuclear waste would go like this.

Well, it just so happened that some people from Bay City went out there. As I understand, there was one lady who took her three children out there to see the balloons. And it went into the newspaper that they released the balloons, just happened to be one of those days that the wind was blowing north and they all blew out into the Gulf.

Well, do you realize that today, what we know today, if we were to release a thousand balloons it would be much more detrimental to our environment than what STP has been for 30 years. We couldn't do that. We would make national news if you said we're going to release a thousand balloons, especially in a place where the number one in the nation bird count is.

I'm in a unique position. I'm going to change subjects a little bit. I'm in a unique position, I've worked at STP, I've worked outages out there. I'm one of the few guys, I guess, that's only worked four outages -- I haven't worked the last couple -- but I have been from the very top of the dome to -- what's the room at the very bottom underneath the rods -- number 1. I've been there.

And I will tell you one thing, of all the things I've done in my life, worked in the oil industry, worked on drilling rigs, worked at Dow Chemical Company, I have never ever even come close to the safety that I felt at STP. I'm telling you they spend more time working on safety than anything else. I've never felt one bit -- and not too many people go to room number 1.

And it's kind of funny you go way up in the top and it's really, really hot, and you go way down in the bottom and it's really, really cold, but they call that the hottest place in the plant, room number 1.

But I'm going to tell you, safety, there's nothing like safety at STP. I've never been involved in anything like that.

To say that STP is a good neighbor, no way. They're an awesome neighbor. They have been an awesome neighbor from day one. When they first came here we thought, well, those were the STP guys, and for years, those guys out at STP, those guys out at STP. Well, they're not. They're [our] coaches, they're our sponsors, they're our mothers, our fathers, our brothers, our sisters and our grandchildren that are out there. They are us, they are [our] people.

We love you guys. We appreciate you being here. We want not only Units 3 and 4, we would like the extension of the units there.

Comment 27-1: And I worked at the nuclear plant for five years in the construction phase in the early '80s, and to start with we were kind of skeptical when they were building the STP because there were several setbacks, mainly in the construction companies, not in the STP itself.

But after it was finally built, we were pleasantly surprised for the last 20 years in how it operated and how safe it was, and a large part of that is because of the NRC and how it governs and has safeguards over the nuclear industry...

Comment 27-3: And there's no way that you can have a perfect system when it's run by people and natural disasters. Our greatest nuclear plant in the solar system, the sun, has been operating for billions of years and it has solar flare-ups, and we've been fortunate that none of them have been too great to impact us too greatly.

And in a smaller sense, our smaller nuclear reactor here has the NRC as the buffer. As our distance from the sun is the buffer that keeps us safe, well, the NRC is the buffer against any calamity happening at the nuclear plant.

Comment 28-1: Upon arriving in Palacios about six years ago, I was surprised to learn that we had a nuclear power plant in our school district. Of course at that time, I had the same concerns that many others have about nuclear power and the safety of it, and am guilty of joking about glowing plants and mutated animals. However through the years, I have been very satisfied to witness the safety of the plant. I have two STP employees on the school board who talk frequently about safety precautions that are taken. I have personally toured the plant during an outage and have also allowed students to tour the plant during outages. If I ever felt the safety of my students was at risk, I would never allow them to travel to the plant. Additionally, each year we are sent updated emergency procedures and contacts. I believe that the nuclear plant is an asset to our school district and community and do hope that the license is renewed.

Comment 39-1: I want to see the Decommissioning of the South Texas Project Units 1 & 2, not the Re-licensing.

It makes much more sense to allow these plants to retire in 2027 and 2028 instead of adding another 20 years of operation for these reactors given all of the inherent public and ecological dangers, liability and cost to maintain, repair and mitigate the known hazards.

You can review a summary of the troubled history of these reactors online at www.NukeFreeTexas.org.

Comment 56-1: I REJECT THESE ARGUMENTS. I SUPPORT NUCLEAR POWER.

Comment 57-1: Due to my concerns about radioactive waste and danger to the environment and personal safety. I strongly urge that relicensing of these units be halted.

Comment 59-1: I believe the re-licensing of these two reactors should be halted for safety reasons.

Comment 61-1: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

Response: *These comments are general in nature. The comments express support of or opposition to STPNOC, nuclear power, or license renewal of STP. The comments provide no new and significant information for the environmental review and will not be evaluated further in the development of the SEIS.*

2. Alternatives to License Renewal of STP

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 12-2, 15-1, 24-3, 25-5, 26-2, 27-2, 27-4, 29-2, 30-1, 31-2, 32-3, 35-2, 36-6, 38-2, 39-3, 40-2, 43-3, 45-3, 46-3, 47-4, 49-2, 51-2, 52-2, 53-2, 54-3, 55-2, 57-2, 59-2, 60-3, 61-2, 62-2, 69-2, 73-2, 74-1, 77-2, 79-2, and 80-2.

Response: *These comments refer to energy-source alternatives to license renewal of STP (e.g., wind, solar, etc.), including the “no action” alternative. The staff will evaluate and consider all reasonable alternatives in Chapter 8 of the SEIS as appropriate. Appendix A of the SEIS will include expanded responses to these comments.*

3. Socioeconomic Impacts of STP, Units 1 and 2

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 1-2, 3-1, 5-2, 6-2, 8-1, 9-1, 10-1, 13-1, 14-1, 20-2, 23-1, and 24-1.

Response: *These comments address the socioeconomic impacts of STP on local and regional communities and economy, including related issues such as employment, tourism, taxes, and education. The staff will address the socioeconomic impact of renewing the STP operating licenses in Chapters 2 and 4 of the SEIS. In addition, the socioeconomic impacts of not renewing the operating licenses will be discussed in Chapter 8. Appendix A of the SEIS will include expanded responses to these comments.*

4. Water Usage

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 25-4, 29-3, 32-2, 36-5, 37-3, 39-4, 40-3, 41-2, 45-4, 47-2, 51-3, 53-3, 54-2, 55-3, 59-3, 60-2, 62-4, 63-2, 64-3, 67-2, 71-2, 75-2, and 80-4.

Response: *These comments address the impact of STP operation on surface water and groundwater use and quality, including the effects of climate change on water availability. The staff will address the direct and cumulative water resource impacts of renewing the STP operating licenses in Chapters 2 and 4 of the SEIS. In addition, the impact of not renewing the*

operating licenses will be discussed in Chapter 8. Appendix A of the SEIS will include expanded responses to these comments.

5. Human Health

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 25-1, 29-4, 36-3, and 45-6.

Response: *These comments address the impacts of radiation effects on human health. The staff will address the impacts of renewing the STP operating licenses on human health in Chapters 2 and 4 of the SEIS. In addition, the impact of not renewing the operating licenses will be discussed in Chapter 8. Appendix A of the SEIS will include expanded responses to these comments.*

6. Postulated Accidents

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 25-3, 37-2, 39-2, 42-1, 45-2, and 48-1.

Response: *These comments address the impacts on human health and the environment associated with postulated nuclear accidents. The staff will address impacts of renewing the STP operating licenses associated with postulated accidents in Chapter 5 and Appendix F of the SEIS. Appendix A of the SEIS will include expanded responses to these comments.*

7. Terrestrial or Aquatic Ecology

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 18-1, 20-3, 44-2, and 45-7.

Response: *These comments address the impacts of STP on the terrestrial or aquatic ecology. The staff will address the direct and cumulative impacts of renewing the STP operating licenses in Chapters 2 and 4 of the SEIS. In addition, the impacts on the terrestrial or aquatic ecology associated with not renewing the operating licenses will be discussed in Chapter 8. Appendix A of the SEIS will include expanded responses to these comments.*

8. Uranium Fuel Cycle and Waste Management

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 29-5, 32-4, 33-2, 34-1, 36-2, 37-4, 39-5, 43-2, 45-5, 46-2, 47-3, 49-3, 51-4, 53-4, 54-4, 55-4, 59-4, 61-4, 62-5, 63-3, 64-2, 69-4, 71-3, 75-3, 77-3, 79-3, and 80-5.

Response: *These comments raise concerns about (a) transportation of STP-generated nuclear waste, (b) the ability of STP to address stewardship of STP-generated nuclear waste, and (c) uranium mining associated with uranium fuel for STP. The staff will address these comments in Chapter 6 of the SEIS.*

9. Energy Efficiency or Energy Demand

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 5-3, 5-4, 42-2, 48-2, 61-3, 62-3, 69-3, and 80-3. In summary, these comments express concerns about energy efficiency or energy demand.

Comment 5-3: I'll mention as well, some have asked me in the back: Why so early on this licensing process? There are many, many reasons for why we're doing this now. One is predictability and stability. I would just mention the fact that Texas has got over 25 million people as a part of it, every day it grows by a thousand-plus, so from an energy stability/predictability standpoint, it is essential that we have it when it comes to electricity. And one only has to look at some of the blackouts that occurred in February and then look really towards the Middle East to appreciate stability.

Comment 5-4: STP has been stable, we have been predictable and we've been safe. When you take a look at our track record, really over the last 20 years, and more specifically over the last seven years, STP Units 1 and 2 have led the nation in total generation of electricity of any two-unit plant. And I'll point out that we've led the world for the last five years in total generation of any two-unit plant or equivalent, throughout the world, and STP Units 1 and 2 are not the largest.

We also, from a cost standpoint, actually have had some performance that's been outstanding for the last 20 years, but last year in 2010 we were the fourth lowest producer in the nation, and all of this is with putting safety first. It is all because we have outstanding employees who do the right things constantly from a human performance standpoint, it's because we've invested in our equipment reliability, and as well, it's because we do put safety first.

Comment 42-2: Fails to determine the projected decline in demand for electricity attributable to adoption of energy efficient building code in Texas. According to a study by the American Council for an Energy Efficient Economy, building codes that increase energy efficiency may result in an energy savings of approximately 2362 MW by 2023. Such savings would nearly offset the net electrical output of 2500 MW from STP Units 1 & 2.

Comment 48-2: Fails to determine the projected decline in demand for electricity attributable to adoption of energy efficient building code in Texas. According to a study by the American Council for an Energy Efficient Economy, building codes that increase energy efficiency may result in an energy saving of approximately 2362 MW by 2023. Such savings would nearly offset the net electrical output of 2500 MW from STP Units 1 & 2.

The applicant for license renewal is STPNOC – the South Texas Nuclear Operating Company. The Matagorda County nuclear reactors are owned by NRG South Texas LP, CPS Energy and the City of Austin (of which I am a resident). Austin gets 16% of its power from the two units.

Comment 61-3: Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old reactors.

Comment 62-3: Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.

Comment 69-3: Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.

Comment 80-3: Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.

Response: *These comments express concerns about energy demand or energy efficiency. For comments concerning energy demand (the need for power), the regulatory authority over licensee economics including the need for power falls within the jurisdiction of the States and, to some extent, within the jurisdiction of the Federal Energy Regulatory Commission. The purpose and need for the proposed action (i.e., STP license renewal) is defined in the SEIS as follows:*

The purpose and need for the proposed action (issuance of a renewed license) is to provide an option that allows for power generation capability beyond the term of a current nuclear power plant operating license to meet future system generating needs, as such needs may be determined by other energy-planning decisionmakers. This definition of purpose and need reflects the NRC's recognition that, unless there are findings in the safety review required by the AEA or findings in the NEPA environmental analysis that would lead the NRC to reject a license renewal application (LRA), the NRC does not have a role in the energy-planning decisions of State regulators and utility officials as to whether a particular nuclear power plant should continue to operate.

If the renewed license is issued, State regulatory agencies and STPNOC will ultimately decide whether the plant will continue to operate based on factors such as the need for power or other matters within the State's jurisdiction or the purview of the owners. If the operating license is not renewed, then the facility must be shut down on or before the expiration dates of the current operating licenses

This is in accordance with Section 51.95(c)(2) of 10 CFR, which states that:

The supplemental environmental impact statement for license renewal is not required to include discussion of need for power or the economic costs and economic benefits of the proposed action except insofar as such benefits and costs are either essential for a determination regarding the inclusion of an alternative in the range of alternatives considered or relevant to mitigation.

NRC does not have authority by law or regulation to ensure that the proposed relicensing is the least costly alternative to provide energy services under any particular set of assumptions concerning future circumstances. The staff will consider, in Chapter 8 of the SEIS, the potential for replacement power alternatives to provide the electricity that could be generated by STP, with a renewed license, and the environmental impacts of those alternatives.

In summary, the comments as they relate to energy demand (or the need for power) do not provide new and significant information for this environmental review and will not be evaluated further in the development of the SEIS. For comments concerning energy efficiency, the staff will consider energy efficiency in Chapter 8 of the SEIS as appropriate.

10. Nuclear Liability Indemnification or Compensation

The comment in this category can be found at the back of this report and is labeled with the following identifier: 30-2.

Comment 30-2: If nuclear power risks make sense why has it always been uninsurable since the 1950's? We should phase out nuclear power over the next 15 years, not renew our commitment to it.

Response: *The above comment expresses concern regarding nuclear liability indemnification or compensation. Under existing policy, pursuant to the Price-Anderson Act of 1957, owners of nuclear power plants, including STP, are required to carry liability insurance and pay a premium each year for \$375 million of coverage for each reactor unit. In addition, costs associated with catastrophic accidents that result in impacts to the general public are bound by the Price Anderson Act.*

The Price-Anderson Act was designed to ensure that adequate funds would be available to satisfy liability claims of members of the public for personal injury and property damage in the event of a nuclear accident involving a commercial nuclear power plant. The previously mentioned primary or first tier of \$375 million of coverage insurance is supplemented by a second tier. In the event a nuclear accident causes damages in excess of \$375 million, each licensee would be assessed a prorated share of the excess up to \$111.9 million. With 104 reactors currently licensed to operate, this secondary tier of funds contains about \$11.6 billion.

*Further information on nuclear liability indemnification is listed at the NRC website:
<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/funds-fs.html>*

This comment does not provide new and significant information for this environmental review and will not be evaluated further in the development of the SEIS.

11. Comments Beyond The Scope of NRC's Environmental Review

The comments in this category can be found at the back of this report and are labeled with the following identifiers: 10-2, 16-1, 18-2, 22-1, 22-3, 24-2, 24-4, 25-2, 25-6, 25-7, 25-8, 29-1, 31-1, 32-1, 33-1, 35-1, 35-3, 36-1, 36-4, 37-1, 38-1, 40-1, 41-1, 43-1, 44-1, 45-1, 46-1, 47-1, 49-1, 50-1, 51-1, 52-1, 53-1, 54-1, 55-1, 58-1, 60-1, 62-1, 63-1, 64-1, 65-1, 66-1, 67-1, 68-1, 69-1, 70-1, 71-1, 72-1, 73-1, 75-1, 76-1, 77-1, 78-1, 79-1, and 80-2. In summary, these comment express concerns about plant security, emergency preparedness, safety and aging management of plant systems, and the events at Fukushima. These comments are beyond the scope of the license renewal environmental review. This is because the NRC addresses plant performance as part of the ongoing regulatory oversight provided for all currently operating power reactors. Therefore, the NRC does not reevaluate them as part of the license renewal review (10 CFR 54.29 "Standard for issuance of a renewed license" and 10 CFR 54.30 "Matter

not subject to a renewal review.”) Furthermore, the aging management of structures and components within the scope of the license renewal safety review will be addressed in the staff’s safety evaluation report, separately from the environmental review.

Plant Security

Comment 25-7: Security issues continue. Just last week we heard about a Texas Tech student who among his plans was a plan to attack nuclear plants, and I think that needs to be looked at once again as well.

So these and many issues should be addressed. It’s an important decision.

Response: *This comment expresses concerns about plant security. As stated during the scoping public meeting of March 2, 2011, comments concerning safeguard and security are beyond the scope of license renewal environmental review. This is because this subject is under the NRC’s ongoing review as a part of the oversight of the current licensing basis. The NRC addresses these areas of performance every day as part of the ongoing regulatory oversight provided for all operating power reactors, including during the STP period of extended operation if the license is renewed.*

Security issues are periodically reviewed and updated at every operating plant. These reviews continue throughout the period of an operating license, whether the original or renewed license. If issues related to security are discovered at STP, they are addressed immediately. Any necessary changes are reviewed and incorporated in accordance with the STP operating license.

Information on the background of nuclear security and past security orders issued by the NRC to nuclear power plants, including STP, can be found at:

<http://www.nrc.gov/reading-rm/doc-collections/fact-sheets/security-enhancements.html>

and

<http://www.nrc.gov/reading-rm/doc-collections/enforcement/security/>

This comment does not provide new and significant information for this environmental review and will not be evaluated further in the development of the SEIS.

Emergency Preparedness

Comment 10-2: STP’s focus on emergency management planning and training have greatly enhanced the preparations of our emergency responders to address other types of natural disasters such as hurricanes, tornadoes, pipeline explosions, floods, et cetera. We are much better prepared to address such situations as a result of participating with STP Units 1 and 2 in their emergency preparedness plans and training.

Comment 18-2: The second is from more of a behind-the-scenes type of safety aspect. The Judge has seen fit to have me as one of the PIOs, public information officers, for the county during a lot of

our STP drills, many of which you grade us on every aspect of it. We're very proud of the fact that we set the standard, I think, in the nation, and that's some of the feedback we've gotten from the NRC.

I have been allowed to have information opened up, as the county's PIO. There's never been a piece of information that's been withheld as we go through drills, as situations were faced. We're also educated from a county standpoint, knowing exactly what's going on at the plant in case something should ever happen. It is important for us to be able to stand up and speak to the media, but more importantly, as you know, we're speaking to the citizens of Matagorda County and keeping them safe.

So, on both aspects it's a five-star rating.

We certainly do appreciate you being here, and we thank you so much.

Comment 25-8: I think at this point in time it's also important to note that in the world of emergency planning that the ability to get potassium iodide tablets out to the public seems to have been overlooked. I don't see a lot of information about it. I think it is one approach you could take if there was a serious accident, and that should be looked at. In other places in the country potassium iodide tablets were actually distributed to the community at one point in time so that if there was an accident, you could take it and protect the thyroid from absorption of radioactive iodine.

I don't see that happening here, nor do I see information publicized about that option. You can buy them online, but I don't see anybody even telling people about that.

So I think that we will also be submitting written comments. There [are] other concerns that we have. We'll be looking more in-depth. A lot of issues need to be fully explored, and we look forward to communicating with you further on that front. Thank you.

Comment 29-1: These reactors came online in 1988 and 1989, and they are set to retire in 2027 and 2028. I do not believe they should be relicensed to add another 20 years of operation for these reactors. 30 year old reactors are not safe.

The risks associated with continuing operations are too great. If there was an accident, Houston would not be able to evacuate in a timely manner to avoid harmful exposure.

Response: *These comments express concerns regarding emergency preparedness in the unlikely event of a reactor accident at STP. Over the years, the combined efforts of the NRC, Federal Emergency Management Agency (FEMA), STPNOC, Texas State and local officials, as well as thousands of volunteers and local first responders (such as police, firefighters, and medical response personnel), have produced comprehensive emergency preparedness programs that assure the adequate protection of the public in the event of a radiological emergency at STP. The emergency preparedness planning incorporates the means to rapidly identify, evaluate, and react to a wide spectrum of emergency conditions. Emergency plans are dynamic and are routinely reviewed and updated to reflect an ever-changing environment during the operation of STP, including during the period of extended operation if the STP licenses are renewed.*

The Commission considered the need for a review of emergency planning issues during its license renewal rulemaking proceedings on 10 CFR Part 54, which included public notice and comment. As discussed in the Statement of Consideration for this rulemaking (56 FR 64966), the programs for emergency preparedness apply to all nuclear power facilities. Requirements for emergency planning are in the regulations at 10 CFR 50.47 and Appendix E to 10 CFR Part 50. Through its standards and required exercises, the Commission reviews existing emergency preparedness plans throughout the life of STP, keeping up with changing demographics and other site-related factors.

The most recent emergency drill for STP occurred on March 17, 2011. The results of the STP drill are published in a FEMA report and are viewable at the following website:

<http://www.nrc.gov/about-nrc/emerg-preparedness/related-information/fema-after-action-reports.html>

These comments do not provide new and significant information for this environmental review and will not be evaluated further in the development of the SEIS.

Safety Issues and Aging Management of Plant Systems

Comment 16-1: My concern is something that affected me personally that I identified some concerns that I had as time went on, and through the process of the United States Labor Commission I was able to settle my complaints in as much as I was not told ever whatever happened to the results of my complaints.

I'm here tonight to offer to the STP, not only 1 and 2 but 3 and 4, to please make public -- and I've worked with the administration of both 1 and 2 and 3 and 4 -- to make public in as[]much as they could put it into the Bay City Library.

Here's the facts, if you're any of these people here -- excuse me a minute to get it correct -- if you're an employee, a contractor, a vendor, personnel or a visitor reporting safety-related or quality concerns, what I'm saying is that whatever those concerns are should be made public, put in a public place.

The pressure on individuals to report something is great when they fear if they're working that they'll be terminated, or maybe they go ahead and get terminated or choose another job, what happens to the concern that they have identified.

We have in this policy of STP that they'll take care of it and NRC will, and I'm sure their intent is very good. What we the people need to know is that whatever that concern was should be identified. That is only part of it. What is the resolution to that concern, and thirdly, whatever happened to the culmination [of] concerns was adequately identified. Even if the person wanted to be anonymous, it's still important publicly regarding what emphasis it has to the NRC or to the project, it's important to the public.

NRC staff's note: *Suggestions for improvement to STPNOC's documentation practices, in addition to plant safety concerns, are beyond the scope of the staff's environmental review.*

The NRC staff is unable to comment on suggestions to STPNOC. A copy of the DSEIS and FSEIS will be placed with the Bay City library for public inspection. Appendix A of the DSEIS and FSEIS will contain comments received during the review and the staff's consideration of the comments.

Comment 22-1: As I said earlier, I had the pleasure of working on 1 and 2 for about five years. I've also had the experience of overseeing quality control for the company I've worked for about 30 years in quality control, and I've been personally on five nuclear plants. This has been one of them.

To more elaborate on what I just said, my concern is having worked with the STP present administration and the Units 3 and 4, I'm really not satisfied that they had the openness that I expected when it come to personnel for the individual workers or those that are here in these categories that I mentioned.

I would admonish all of us to always keep tabs on the installation itself, feel free that you can ask questions and if there's any questions that ever come from a worker. It is very difficult for a lot of people to identify a problem. They feel threatened by it, and frankly, that is a real concern, been there...

I am only saying that I am hoping that we have more of openness with the community or for those that have any questions about the safety or any concern, whether it be for personnel protection, plant safety or for the administration of how they do their policies.

I was working with 1 and 2 and 3 and 4 on those policies they have which said about the openness, and that's what I said is that I hope that we can have, like the person said before, it will be in the library, but really I want the concerns to be there so that we can look at them and get them resolved.

And I wish STP good luck.

NRC staff's note: Suggestions for improvement to STPNOC's documentation practice, in addition to plant safety concern, are outside the scope of the staff's environmental review. The NRC staff is unable to comment on suggestions to STPNOC. A copy of the DSEIS and FSEIS will be placed with the Bay City library for public inspection. Appendix A of the DSEIS and FSEIS will contain comments received during the review and the staff's consideration of the comments.

Comment 24-2: I want to talk mainly about safety tonight. And I know that when you're living here, the plant is just something that's always been there, but my thinking about safety at nuclear power plants is sort of: Yeah, they've got redundant safety systems because there are redundant dangers. The analogy I like to think of is if I'm walking through a construction site wearing a hard hat and a brick falls six stories and bounces off my helmet, my first thought is not thank God the helmet worked, my thought is who dropped the brick.

If you want to know what's going on with nuclear power plants and you support this plant, I'm going to challenge you to do one thing, and that is tomorrow morning go to the NRC website, www.nrc.gov, and click on event reports and click on current events. If you do this for a couple of

days a week, you're going to be convinced that nuclear power plants routinely have near misses that could have catastrophic results.

Nuclear power is the only form of energy generation that has the potential for killing thousands of people in one single event. I mean, if you're investing in wind, what's the worst that can happen? You have a catastrophic accident, you don't generate power and maybe some sheep were inconvenienced. Nuclear power has the capacity to kill people, it's a dangerous technology. All you have to do is look at Chernobyl and Three Mile Island.

How many of you have ever heard of SL1? It was an experimental reactor in Idaho that in the early '60s had a fatal accident. There was one gentleman that was actually pinned to the ceiling of the containment building by a rod when there was a steam explosion in the plant. It impaled him to the ceiling stuck on a control rod.

Nuclear power can and has caused human fatalities. Read about Chernobyl. I know that NRG [NRG Energy] is going to say well, new reactors are safer, but they're saying this in a way that causes me to ask this question. When they're talking to you about 3 and 4, they say these plants are newer and safer, or safer and more advanced than the old plants. Well, they're also arguing for extending the life of the old plants which had a limit on their life in the first place for a reason: we didn't know how long you could run a nuclear power plant; we still don't.

Turkey Point in Florida, they had to replace the steam generators in the plant, and to replace a steam generator you have to cut a hole in the containment building, you have to take the generator out and put the new one in. Well, what they found was that the cement inside the containment building had degraded over the last 20 years, there were immense cracks that ran through the inside of the structure.

And that is what happens when you extend the life of a nuclear plant. These things were designed to have a limited life for a reason. They're not going to safe forever.

Comment 24-4: There are alternatives, and I really think that there's not enough proof that a plant can be run longer than the time period in which the engineers that designed it said it was designed to be built. They're talking now about running some nuclear plants for 60 years. My question is this because they're so much safer than they were thought to be originally, or is this because the people that run nuclear power plants say if we close it down we don't make any money; if we continue to run it, sure they'll be less safe than they were, but as long as they don't actually melt down, we're going to continue to make money. I think you'll find out that's what it is.

And also don't let NRG [NRG Energy] give you this talking out of both sides of their face where they say the 3 and 4 are going to be better and newer, at the same they're talking about extending the life of what then could be argued are the older and the less safe plants. Can't have it both ways, and there are definitely alternatives.

Comment 25-2: Another issue is control rods. There were problems when the new reactor heads were put on, the control rods got stuck. This is actually happening at many different reactors right now. And there have been some flaws in construction of some of the equipment involved. So I think during this process that there should be a thorough analysis of the control rods, their drive

mechanism, and so on and so forth, and see if there are any problems technologically with the parts that are here and being used.

I share the concerns mentioned by Robert Singleton about embrittlement as the plants age. These reactors were not designed to run forever; they were designed to be closing down about this time, and the first five years and the last five years of a nuclear reactor's life cycle are the ones where they have the most risk, and I think we should bear that in mind during this process and do analysis on that front.

Comment 25-6: The reactor head that's stored onsite, I think as part of this process it should be looked into about how carefully shielded that is, is it adequate. Maybe it is, maybe it isn't. But I think that should be looked at.

Comment 41-1: Dear Sir, I am writing a request that relicensing of South Texas Project Reactors 1 & 2 be halted for the following safety concerns regarding...

The risks of an accident, fires or explosions at one or more reactors at site could increase with [ag]ing.

Comment 51-1: I am writing to you with concerns about the relicensing of two South Texas nuclear reactors. The relicensing of these two reactors for an additional twenty years should be halted for safety reasons. The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.

Comment 55-1: It is our request that the re-licensing of South Texas Project Reactors 1 & 2 be halted for an additional twenty years because of the following:

-the risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors

Comment 62-1: The relicensing of these two reactors for an additional twenty years should be halted for safety reasons.
The risk of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.

Comment 67-1: Please make sure all safety standard are followed in regards to the regarding South Texas Project Units 1 & 2, NRC 2010-0375 Docket Nos. 50-498; 50-499 relicensing.

Halt for safety reasons. Aging reactors must be held to a higher safety standard before a tragedy occurs.

We count on you to watch out for our best interest so please make sure the correct action is taken. Stop the reactors and help ensure we are all safe.

Comment 68-1: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons. The risks of an accident, fires or explosions at one or more reactors at the site could increase with aging reactors.

I ask for your very careful analysis of this situation and protect the citizens of Texas.

Comment 69-1: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

The risks of an accident, fires, or explosions at one or more reactors at the site could increase the aging reactors.

Comment 75-1: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.

Comment 71-1: I and my family are urging you to stop the relicensing of South Texas Project reactors 1 & 2. Safety reasons are our main concern. With age the risk of accident, fire, or explosion increases.

Comment 73-2: I have serious concerns regarding the re-licensing of the above-referenced units [units 1 and 2] of the South Texas Project. While these concerns deal mainly with operational and waste-related safety, I am, in addition, opposed to the Texas increasing reliance on nuclear power generation due to high and uncertain cost.

Comment 80-2: My family and I feel that the re-licensing of these two reactors for an additional twenty years should be halted for safety reasons. The issues of accident, fire, or explosions at one or more reactors at the site could increase with aging reactors.

Comment 79-2: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

The risks of an accident, fires, or explosions at one or more reactors at the site could increase the aging reactors.

Comment 72-1: I and my family are urging you to stop the relicensing of South Texas Project reactors 1 & 2. Safety reasons are the concern ...

Response: *These comments express concerns about the safety issues and aging management of STP plant systems. The aging management of structures and components within the scope of the license renewal safety review will be addressed in the staff's safety evaluation report for STP. This is separate from the environmental review which focuses on the environmental impacts of license renewal. The comments have been provided to the license renewal safety review team for consideration in the development of the SER as appropriate.*

In the safety review, the staff examines STPNOC's programs and processes designed to manage the effects of structures and components aging and to ensure adequate protection of the public's health and safety during the 20-year license renewal period. This may result in additional aging management measures as necessary.

These comments do not provide new and significant information for this environmental review and will not be evaluated further in the development of the SEIS.

Portions of the comments relate to the environmental impacts of postulated accidents. The staff will evaluate the environmental impacts of postulated accidents in Chapter 5 of the SEIS.

Events at Fukushima Japan

Comment 31-1: Because of the troubled history of the South TX nuclear reactors, because the systems are not designed to last without major, expensive rebuilding, because the accidents (most recently in Japan) have only begun to illustrate what major effects are possible from a failed plant, I urge the denial of the relicensing of the STP.

Comment 32-1: In light of the nuclear disaster unfolding with the Fukushima nuclear reactors and considering that the aging reactors at STP are of the same design, I urge that the renewal application be rejected. The dangers from them aging, their design and operator failure are potentially too great to relicense them past their current license expirations. Hurricanes have been getting stronger and that presents yet another danger.

Comment 33-1: I oppose the continued licensing of STP 1 & 2... We have seen from the situation in Japan what a power outage can do to a nuclear power plant.

Comment 35-1: I would like to express my concerns with extending the license on these two units. This project has had a history of accidents that I find quite disturbing. I fear that these units, which are already 20 years old, will be a huge safety risk to our community.

Comment 35-3: Just in recent years the gulf coast has been victim to several natural disasters. Let's take a lesson from the plants in Japan and forget this huge risk to the safety of the people of Texas.

Comment 36-1: I appreciate the opportunity to comment on the proposed license renewal/extension for South Texas Nuclear Project Plants 1 and 2. I was living in San Antonio when this project was debated and under construction. I will be moving back to San Antonio in the next year to retire. I have followed the history of STP for a long time. I oppose extension of the licenses for these Units.

I believe American industry is equally prone to overstating its safety records, safety concerns, and competency, as [T]EPCO has done in this crisis. I also know that there have been a number of serious, sometimes unreported, usually understated safety violations over the years at STP.

Comment 36-4: STP was predicted to last 30 years. I agree with the UCS bathtub curve. Start up and end of life times are the most dangerous. We see the increased cracks and problems as they age. Yankee Nuclear should be shut down after all the safety violations and water contamination. There is strong likelihood STP units will be in similar condition.

Comment 37-1: I have copied some of the facts below, but want to add my personal comments. In light of the disaster in Japan, and all of the other Nuke accidents and inspection complaints

which are NOT publicized or fixed in an adequate way, to extend the life of these two Nukes would be height of stupidity. Remember Katrina (A Texas landfall would have been disastrous to the nukes) and the fact that environmental storms are increasing in their size and devastating nature, we can not afford to take the chance of letting these operate for an additional 20 years.

Knowing banks will bet on a skunk race if they believe they can make a profit – the sub-prime crisis, credit swaps and the savings and loan debacle being prime examples – I am doubly dubious about backing the nuke because the major banks are refusing to bankroll new nukes unless the government gives them 100% coverage of debt. When pirates shy away from fleecing the public for lucrative profits, you just know it is a "pig in the poke". These reactors came online in 1988 and 1989, and they are set to retire in 2027 and 2028. The re-licensing would add another 20 years of operation for these reactors.

Comment 38-1: I want to see the Decommissioning of the South Texas Project Units 1 & 2, not the Re-licensing. I guess supporters of that project will say these units are different and safer than the nuclear plants in Japan. But I do not want to wait until it is too late to find out!

Comment 40-1: I am asking that you do not re-license these two reactors for an additional 20 years. Nuclear power has some benefits, but it also has some risks as demonstrated by the recent disaster in Japan. At the point in time, I feel that the U.S. should move away from nuclear and oil as primary energy sources. Let's develop more renewable options. Also, as you know, nuclear power supplies require a lot of water for cooling purposes.

Comment 43-1: I would like to ask that you recommend that the South Texas nuclear Units 1 and 2 be decommissioned and their applications for renewal be denied. As we have seen in [Japan] the last few weeks, nuclear energy is not as safe as made out to be, and there are too many problems with disposal that have not been solved. Here in Texas we have a wonderful abundance of sun as well as wind, neither dependant on other countries. We should be making use of these natural resources which are safer, reduce use of scarce water, and can't be used as political weapons.

Comment 44-1: In light of the events in Japan in the last month, the NRC should delay any license extensions until the events that led to the problems at Fukushima Daiichi can be fully examined, and the Commission can determine that the South Texas reactors could not suffer the same kind of loss-of-power accident. The Commission should also study the spent fuel pools at South Texas to make sure that they have guaranteed back-up power in the event of a natural or man-made disaster.

Comment 45-1: There are many issues of concern regarding re-licensing of STP Reactors 1 & 2. We oppose re-licensing and believe the reactors should be shut down by their original retirement dates – in 2027 and 2028, or sooner and that adding 20 more years of operation could lead to unsafe conditions.

At least one of the troubled Fukushima reactors in Japan had just been re-licensed, and the situation would likely have been less severe if this reactor had been decommissioned. SEED Coalition has previously submitted comments as interveners and provided oral comments at a public hearing. We would like to again raise concerns about the risks of an accident, fires, or explosions at one or more reactors at the site, risks that could increase with aging reactors.

Comment 46-1: It is unfortunate that my attention to the matter was not begun sooner; (I learned of it only this evening from an e-mail sent earlier this afternoon) as I was unaware that the re-licensing process was underway, and hope that I have not missed today's deadline for commenting as a public citizen.

Regarding the proposed re-licensing (Docket ID # NRC-2010-375) of South Texas Project Units 1 & 2, I do not understand the need for going forward with this action over 16 years before their planned service period ends. At least delay this until next year, [so] that more scientific information will be available as a result of studies of the Japan disaster, and a better true-cost evaluation can be made.

It makes much more sense to retire these plants as planned in 2027 and 2028, instead of trying to extend their use another 20 years, given the rapidly evolving technology of the decade that will likely make them obsolescent. I'm opposed to their continuation for all the usual reasons that any kind of accident and even a Category 4 or 5 hurricane-induced storm surge could remove external supports such as cooling ponds or water access (and who knows what hammering debris-laden waves on top of the storm surge could do), plus disposal of nuclear waste – no human technology is foolproof and totally isolated for thousands of years!

Comment 47-1: I beseech you to not extend the life of STNP Reactors 1 & 2. For public safety and environmental reasons, the continuation of this cannot be justified. Aging plants that are at risk of failures or explosions should not be kept active. As we have seen in Japan, being able to keep the reactors cool is essential for public safety and the integrity of the process. We have limited access to fresh water that can be used for this facility – the priority should be for drinking water, livestock and farming.

Comment 49-1: ...absolutely not. To renew STP for another 20 years is gambling with the lives of Americans. The Japanese disaster is a red alert that we cannot continue down the nuclear path... Every nuclear power plant is a potential disaster waiting to happen and every nuclear power plant is a long term disaster by the toxic waste they generate. Do not renew the life spans of any nuclear power plant in this county.

Comment 50-1: Looking at recent events that we are dealing with in Japan, I see no reason to extend the life of these reactors. The risks far outweigh the benefits. With age things tend to break down causing accidents and fires. With other ways to produce power, that is safer and cleaner I see no reason to put more money into this cause.

Therefore I am asking that the re-licensing of these reactors be halted immediately. I'm opposed to their continuation for all the usual reasons that any kind of accident and even a Category 4 or 5 hurricane-induced storm surge could remove external supports such as cooling ponds or water access (and who knows what hammering debris-laden waves on top of the storm surge could do), plus disposal of nuclear waste – no human technology is foolproof and totally isolated for thousands of years!

Comment 52-1: In light of the recent tragedy in Japan we are writing to please your cooperation in halting the re-licensing of the South Texas Project nuclear reactors.

Based on what we've read these two reactors have had trouble in the past and put Texas citizens at a great risk.

NOW is the time to make a commitment to safer and renewable energy sources.

Comment 53-1: The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons, particularly in light of the recent events in Japan. The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.

There is no adequate solution for radioactive waste so it makes no sense to continue generating more.

Comment 58-1: In view of current "blackout," tragedy in Japan should be rebuilt, replace before relicense.

Comment 60-1: Please do not relicense these reactors for an additional 20 years. If the crisis in Japan or last year's Gulf oil spill has taught our nation anything it is that we will be defeated by nature if we continue our careless energy practices.

Comment 65-1: Dear Ms Gallagher, please do not fund south Texas power plants. Please delay all nuclear funding or renewing power plants. JAPAN HAS BEEN A WAKE UP CALL TO STOP NUCLEAR AND FIND BETTER SOLUTIONS DON'T WAIT TOO LATE TO END THIS DEVASTATION TO OUR EARTH AND PLANET. SHOW US THE NRC REALLY CARES FOR OUR PLANET AND ITS PEOPLE. SAY NO TO SOUTH TEXAS POWER PLANT.

Comment 66-1: The Japanese nuclear disaster is evidence that "safe" power is not available in such power reactor ... We cannot continue to ... water resources to support nuclear power ...

Comment 70-1: These should not be approved due to their age and design. There is no adequate storage that will not affect our water supply. Just like Japan, it cannot happen here – until it does.

Response:

These comments express concerns about the safety issues and aging management of STP plant systems in comparison to the accident at Fukushima Japan. The aging management of STP structures and components within the scope of the license renewal safety review will be addressed in the staff's safety evaluation report (SER) for STP. This is separate from the environmental review which focuses on the environmental impacts of license renewal. The comments have been provided to the license renewal safety review team for consideration in the development of the SER as appropriate.

Fukushima lessons learned. On March 11, 2011, a massive earthquake off the east coast of Honshu, Japan, produced a devastating tsunami that struck Fukushima. The six-unit Fukushima Dai-ichi nuclear power plant was directly impacted by these events. The resulting damage caused the failure of several of the units' safety systems needed to maintain cooling water flow to the reactors. As a result of the loss of cooling, the fuel overheated, and there was

a partial meltdown of the fuel contained in several of the reactors. Damage to the systems and structures containing reactor fuel resulted in the release of radioactive material to the surrounding environment.

In 2011, the Commission directed the staff to convene an agency task force of senior leaders and experts to conduct a methodical and systematic review of the relevant NRC regulatory requirements, programs, and processes, including their implementation, and to recommend whether the agency should make near-term improvements to its regulatory system. As part of the short-term review, the task force concluded that, while improvements are expected to be made as a result of the lessons learned from the Fukushima events, the continued operation of nuclear power plants and licensing activities for new plants do not pose an imminent risk to public health and safety (NRC 2011).

The NRC will continue to evaluate the need to make improvement to existing regulatory requirements based on the task force report and additional studies and analyses of the Fukushima events as more information is learned. To the extent that any revisions are made to NRC regulatory requirements, they would be made applicable to STP regardless of whether or not STP has a renewed license. The task force report and other information on the ongoing lessons learned are available for public inspection at the NRC web site:

<http://www.nrc.gov/reactors/operating/ops-experience/japan-info.html>

References

10 CFR 50. *Code of Federal Regulations*, Title 10, *Energy*, Part 50, "Domestic Licensing of Production and Utilization Facilities."

10 CFR 51. *Code of Federal Regulations*, Title 10, *Energy*, Part 51, "Environmental protection regulations for domestic licensing and related regulatory functions."

10 CFR 54. *Code of Federal Regulations*, Title 10, *Energy*, Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants."

76 FR 2426. U.S. Nuclear Regulatory Commission. "Notice of Acceptance for Docketing of the Application and Notice of Opportunity for Hearing Regarding Renewal of Facility Operating License Numbers NPF-76 and NPF-80 for an Additional 20-Year Period, STP Nuclear Operating Company, South Texas Project, Units 1 and 2." *Federal Register*. Volume 76(9):2426-2428. January 13, 2011.

76 FRN 5410. U.S. Nuclear Regulatory Commission. "STP Nuclear Operating Company; Notice of Intent To Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2." *Federal Register*. Volume 76(20):5410-5411. January 31, 2011.

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Endangered Species Act of 1973, as amended. 16 U.S.C. §1531, et seq.

Magnuson Stevens Fishery Conservation and Management Act, as amended. 16 U.S.C. §1801 et seq.

[NEPA] National Environmental Policy Act of 1969, as amended. 42 U.S.C. §4321, et seq.

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[STPNOC] South Texas Plant Nuclear Operating Company. 2010a. "South Texas Project, Units 1 and 2, Docket Nos. STN 50-498, STN 50-499, License Renewal Application." October 25, 2010. ADAMS No. ML103010257.

[STPNOC] South Texas Plant Nuclear Operating Company. 2010b. "South Texas Project, Applicant's Environmental Report -Operating License Renewal Stage, South Texas Project Units 1 & 2." September 2010. ADAMS No. ML103010263.

Meeting Transcripts, Comment Letters, and E-mails

The following pages contain comments from public meeting transcripts and submittals

1 judicial privilege and, frankly, read an offering here
 2 from someone who ranks quite higher than I do. We
 3 have Janet Rizzo here today from Representative Randy
 4 Weber's office, and she's his chief of staff from
 5 Brazoria County. The good representative, of course,
 6 is working very hard for us in Austin today and is not
 7 able to be here with us, so to that end, he's sent a
 8 letter via Ms. Rizzo, who is a bit under the weather,
 9 and she asked if I wouldn't mind reading this into the
 10 record. So I hope you all won't mind if I do that at
 11 this time.

12 It's addressed to Cindy Bladey, and it
 13 reads:

14 "Dear Ms. Bladey:

15 "I am writing to strongly support the
 16 license renewal for an additional 20 years of Units 2
 17 and 2 at the South Texas Project Nuclear Operating
 18 Company in Matagorda County.

1-1 GEN

19 "STP is the largest employer in Matagorda
 20 County with more than 1,200 employees and for 30 years
 21 has been a key part of the county and local
 22 communities. The company's employees are active in
 23 the local community, serving on school boards,
 24 chambers and in civic and service organizations.

1-2 SOC

25 "For over 20 years STP's existing units

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1 have supplied safe, clean and reliable energy to more
 2 than 2 million Texas homes while also providing
 3 permanent, well-paying jobs. The facility is a
 4 recognized industry leader in production, reliability
 5 and safety, as well as being focused and committed to
 6 the safety of its employees and the surrounding
 7 communities.

**1-2 SOC
cont.**

8 "I believe nuclear energy plays an
 9 important role in the long-term energy future of
 10 Texas. There is a growing recognition of nuclear
 11 energy's environmental benefits and its role in
 12 providing much-needed generating capacity in our state
 13 for many years to come.

1-3 GEN

14 "I strongly support the license renewal
 15 for Unites 1 and 2 at STP and urge the Nuclear
 16 Regulatory Commission's favorable consideration.

17 "Please know that I and my staff stand
 18 ready to assist in any way possible.

19 "Sincerely, Randy K. Weber, State
 20 Representative, District 29, State of Texas."

21 I'd like to tender this for Representative
 22 Weber, and thank you for allowing me to speak on his
 23 behalf.

24 I would like to, if I could, segue right
 25 into my remarks and I'll try to wrap them up so I stay

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1 within the five-minute rule.

2 First off, I want to thank the Nuclear
3 Regulatory Commission for hosting this gathering for
4 us today. As you all know, and I support as a member
5 of the judiciary, this is a very, very important venue
6 that we're engaged in today, the right to free speech
7 and the right to be heard, and I thank you all for
8 protecting that and enabling it. So let me just go on
9 record as being a big fan of the Nuclear Regulatory
10 Commission and your good works. Thank you for that.

11 With regards to Units 1 and 2, the culture
12 of excellence that these gentlemen and women have
13 brought forth here at STP Nuclear Operating Company is
14 unparalleled in America, it's well recognized in the
15 industry but also outside the industry now. And we
16 have an opportunity today here, ladies and gentlemen,
17 to move this agenda forward for another 20 years.
18 It's to the benefit of Matagorda County, the State of
19 Texas and all the nation to have folks that do
20 business in this manner continue to do business for
21 just as long as they're viable and willing to do that
22 type of business.

23 And they've shown in over 20 years of
24 operation now their commitment to excellence and in
25 doing the right thing for the right reasons. They've

2-1 GEN

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1 place safety above profit, they've gone down that path
2 many, many times, and they continue on that path every
3 day. That's the way they conduct themselves. And I
4 can tell you, as the county's top official, it's very,
5 very gratifying to have a company such as this who
6 does place safety of its employees and its citizenry
7 over profits. That's a very, very rare thing in the
8 corporate world, ladies and gentlemen, but it goes on
9 right here in Matagorda County every day.

10 So, NRC, I thank you again for hosting us.
11 I'd ask, as Representative Weber did, that you would
12 give strong consideration to this renewal. This is
13 one that you won't ever have to back away from. These
14 ladies and gentlemen are committed to excellence and
15 they're going to do a very, very good job for another
16 20 years should you decide to grant this renewal.

17 Thank you very, very much.

18 MS. SALTER: Thank you, Judge McDonald.

19 Our next speaker is Bay City Mayor Mark
20 Bricker.

21 MAYOR BRICKER: Thank you. As mayor, I do
22 not have the luxury to speak from personal opinions or
23 beliefs. My priority, alone, is the City of Bay City.
24 All the questions that I have evolve from the impacts
25 to the city environment, jobs and finances.

**2-1 GEN
cont.**

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1 With that being stated, STP makes it
2 obvious. STP is the largest employer to the county,
3 their employees stay active in numerous organizations,
4 and many serve as elected officials. They have a very
5 high importance to safety as well as the environment.
6 Their employees set the standard for their industry.
7 Just last October, STP was named one of America's
8 safest companies, the first nuclear facility to ever
9 be honored with that award.

10 In 2008, STP started its educational
11 incentive program as part of its workforce development
12 efforts. It represents a \$4.2 million investment that
13 provides great opportunities for well-paying jobs in
14 this community. For over 20 years the facility has
15 produced safe, reliable energy to the citizens of
16 Texas, and for the past seven consecutive years, STP
17 has produced more electricity than any other two-unit
18 nuclear plant in the country.

19 The license extension of STP will continue
20 to provide jobs and economic benefits to our local
21 community. STP is and will continue to be a proud
22 staple of our community, and I am pleased to support
23 the license extension of STP of Units 1 and 2 for an
24 additional 20 years.

25 Thank you.

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MS. SALTER: Thank you, Mayor Bricker.

Our next speaker will be Dianna Kile from
Congressman Paul's office.

MS. KILE: Good afternoon. On behalf of
Congressman Paul, I am pleased to endorse the proposed
license extension of the South Texas Project.

The South Texas Project has been an
integral part of the 14th Congressional District and
the Matagorda County community for more than 20 years,
producing clean, safe and reliable electricity to 2
million Texans.

At this time, Texas is the second largest
state in the country, with more than 25 million
residents. Along with this growth, the demand for
electricity has increased. With the challenges of
climate change, Congressman Paul believes that nuclear
energy must play a role in our state's energy future
for decades to come.

Congressman Paul believes that nuclear
generation has significant environmental advantages.
Electricity from nuclear is carbon-free, producing no
greenhouse gases. And on behalf of Congressman Paul,
we fully support the license extension of STP Units 1
and 2 for an additional 20 years.

Thank you for giving us this opportunity.

4-1 GEN

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1 MS. SALTER: Thank you, Ms. Kile.

2 Our next speaker is Ed Halpin, president
3 and CEO of STP, who will be followed by Carolyn
4 Thames, Don Booth, and Cheryl Stewart.

5 MR. HALPIN: Good afternoon, everyone, and
6 thank you very much for being here this afternoon.
7 Again, my name is Ed Halpin. I'm the president and
8 chief executive officer of STP Nuclear Operating
9 Company.

10 And I wanted to thank, as well, the
11 Nuclear Regulatory Commission for what you do. You do
12 your job which is to provide the right oversight, and
13 this is a part of the process. It's a part of the
14 process of providing really independence and input
15 from the public which is essential to the decision-
16 making process. So thank you very much.

17 Let me mention that we recognize, as the
18 operating company, that we have a very special trust
19 that you have given us, and that's the trust of
20 putting safety first, so you have our commitment.
21 We've done that for 20-plus years and you have my
22 personal commitment that we'll continue to do so in
23 the future, putting safety first.

24 I also wanted to thank the residents of
25 Matagorda County and also the leadership that's here

5-1 GEN

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1 today, the local, state and federal leadership. We
2 appreciate what you do for STP, it's been outstanding.

3 Residents, we have a very special
4 relationship. It's one that's gone on for almost
5 three decades, past three decades, and it's one where
6 you have provided your support through thick and thin,
7 and we thank you for that.

8 Our employees try to contribute and try to
9 continue to do what they can to improve life within
10 this community by serving, as the judge said, on
11 various board and providing leadership positions, and
12 we're thankful that you give us that opportunity.

5-2 SOC

13 I'll mention as well, some have asked me
14 in the back: Why so early on this licensing process?
15 There are many, many reasons for why we're doing this
16 now. One is predictability and stability. I would
17 just mention the fact that Texas has got over 25
18 million people as a part of it, every day it grows by
19 a thousand-plus, so from an energy
20 stability/predictability standpoint, it is essential
21 that we have it when it comes to electricity. And one
22 only has to look at some of the blackouts that
23 occurred in February and then look really towards the
24 Middle East to appreciate stability.

5-3 EE

25 STP has been stable, we have been

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1 predictable and we've been safe. When you take a look
2 at our track record, really over the last 20 years,
3 and more specifically over the last seven years, STP
4 Units 1 and 2 have led the nation in total generation
5 of electricity of any two-unit plant. And I'll point
6 out that we've led the world for the last five years
7 in total generation of any two-unit plant or
8 equivalent, throughout the world, and STP Units 1 and
9 2 are not the largest.

10 We also, from a cost standpoint, actually
11 have had some performance that's been outstanding for
12 the last 20 years, but last year in 2010 we were the
13 fourth lowest producer in the nation, and all of this
14 is with putting safety first. It is all because we
15 have outstanding employees who do the right things
16 constantly from a human performance standpoint, it's
17 because we've invested in our equipment reliability,
18 and as well, it's because we do put safety first.

19 And finally, we couldn't do this without
20 the support of this community which has been topnotch.
21 So again, we thank you for that support, you have our
22 commitment, and we appreciate you. Thank you.

23 MS. SALTER: Thank you, Mr. Halpin.

24 So next we have Carolyn Thames, followed
25 by Don Booth, Cheryl Stewart, and then David Dunham.

5-4 EE

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1 I want to share with you my perception of
 2 the operation of the South Texas Project Nuclear
 3 Operating Company. I work with, worship with and know
 4 the employees of this nuclear plant. I trust their
 5 work and their judgment in running one of the best
 6 nuclear plants in the United States. I wasn't born
 7 here; my family chose to live and work here. Our
 8 nuclear plant has operated here safely for over 25
 9 years and we feel very safe with STP providing
 10 reliable power to our state.

6-1 GEN

11 During the record low temperatures when
 12 there were problems in Texas with other sources of
 13 power, our local plant didn't have any problems
 14 keeping the power generating for Texans.

15 The culture of continuing improvement for
 16 all aspects of power generation overflows in the
 17 community. STP's contributions to our local
 18 charities, our chambers of commerce and civic groups
 19 provide the commitment to our future and our joint
 20 success. They give both time and money to make sure
 21 Matagorda County is the best in all of Texas.

6-2 SOC

22 I support your efforts and the efforts of
 23 STP in extending the operation license for both Units
 24 1 and 2.

25 Again, thank you for being here in

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1 Matagorda County and your efforts in keeping us safe.
2 Any further information you would like for me to
3 provide you, as an elected representative of the
4 citizens of Bay City, please feel free to contact me.
5 Thank you.

6 MS. SALTER: Thank you, Ms. Thames.

7 Our next speaker is Don Booth so I call
8 him to come up. And then he will be followed by
9 Cheryl Stewart, David Dunham and Owen Bludau. Hope I
10 said that right.

11 MR. BOOTH: Good afternoon. I'm Don
12 Booth. I'm the director of organizing and marketing
13 for Pipefitters Local 211, and from 1984 to 1989 I was
14 a worker on STP Units 1 and 2. I was a pipefitter for
15 Ebasco, I was a foreman and a general foreman. I know
16 the pride we built those units with and the safety we
17 built into them, and I know the seriousness that STP
18 has taken with its environmental impact.

19 And as a representative of Pipefitters
20 Local 211 of 3,000 members, many of which live in the
21 surrounding communities, we strongly support the
22 renewal of Units 1 and 2. Thank you.

23 MS. SALTER: Thank you, Mr. Booth.

24 I know invite Cheryl Stewart up to the
25 podium. And Ms. Stewart will be followed by David

7-1 GEN

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1 Dunham, Owen Bludau and Kesha Rogers.

2 MS. STEWART: My name is Cheryl Stewart,
3 and I'm on the Bay City Community Development
4 Corporation Board and also the Historic Commission,
5 and I'm here today to inform you of the many ways that
6 I have personally seen STP impact our community in a
7 positive way.

8 STP contributed \$100,000 to the Center for
9 Energy Development and currently provides staffing to
10 train our community's young adults. STP employees
11 have been strong leaders in our strategic planning for
12 the future of this community with our Bay City
13 Matagorda United Plan. STP employees have also
14 invested in the renovation of our historic downtown
15 district and its beautification efforts. I have also
16 served with STP employees on various community boards
17 and have witnessed firsthand their dedication, their
18 desire to be good neighbors, and their commitment to
19 our community.

20 I am sure that our community would
21 experience a huge loss without the involvement and
22 support of STP. They have set the bar for what a good
23 corporate partner should be, and I fully support the
24 license renewal of Units 1 and 2 for an additional 20
25 years. Thank you.

8-1 SOC

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1 be overemphasized. My employer is an educational
2 partner with STP and their contribution to the future
3 of our community through support of education is
4 unprecedented in my 20 years of higher education
5 experience.

9-1 SOC

6 In my opinion, for the NRC a look at the
7 record of positives associated with the safe operation
8 of the South Texas Project, through its long
9 established operating history, should be the greatest
10 supporting factor in consideration of the extension of
11 their operating license. Thank you.

9-2 GEN

12 MS. RIVERA: Thank you, Mr. Dunham.

13 Next we'll have Owen Bludau, Kesha Rogers
14 and James Lovett, followed by D.C. Dunham.

15 MR. BLUDAU: Good afternoon. I'm Owen
16 Bludau, executive director of the Matagorda County
17 Economic Development Corporation.

18 On behalf of the Matagorda County Economic
19 Development Corporation, I want to say that we
20 strongly support the renewal of the license for
21 operations of the South Texas Project Nuclear
22 Operating Company for Units 1 and 2.

23 STP personifies the best type of economic
24 development project that a community could want. It's
25 created a large number of jobs that have been filled

10-1 SOC**NEAL R. GROSS**

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1 with highly educated and highly skilled workers. It
 2 pays wages far above the county average. It's greatly
 3 enhanced the tax base of Matagorda County and to the
 4 taxing entities in whose location it is situation. It
 5 makes significant annual financial contributions to
 6 civic, educational and promotional programs
 7 benefitting all of the county. It has created and
 8 funded a major grow-your-own technical education
 9 program, providing good career opportunities for all
 10 of our local youth. Its employee and their families
 11 are extensively involved in all aspects of our
 12 community and political life, and by so doing, they
 13 make Matagorda County a much better place in which to
 14 live for all the rest of us.

**10-1 SOC
cont.**

15 STP's focus on emergency management
 16 planning and training have greatly enhanced the
 17 preparations of our emergency responders to address
 18 other types of natural disasters such as hurricanes,
 19 tornadoes, pipeline explosions, floods, et cetera. We
 20 are much better prepared to address such situations as
 21 a result of participating with STP Units 1 and 2 in
 22 their emergency preparedness plans and training.

10-2 OOS

23 As you are aware, STP is seeking a
 24 construction and operating permit for proposed Units
 25 3 and 4. Matagorda County wholeheartedly supports

10-3 GEN

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1 this expansion. We would not be so wholeheartedly
2 behind the expansion if Units 1 and 2 did not have
3 such an outstanding and performance record. The
4 uncertainty factor that was here before Units 1 and 2
5 began operations have been replaced with wholehearted
6 support by proven performance, management and
7 operations.

8 Matagorda County is pro-nuclear. We fully
9 expect that an extension of the operating permit for
10 Units 1 and 2 will continue STP's outstanding
11 performance, reliability and reputation.

12 Last week I received my copy of the final
13 EIS statement for Units 3 and 4. It was thoroughly
14 done, very comprehensive. I read many sections of it,
15 and I know that the EIS for Units 1 and 2 renewal will
16 be as thorough and as complete.

17 On behalf of the MCEDC, Matagorda County
18 Economic Development Corporation, I strongly support
19 the expansion of the permit for Operating Units 1 and
20 2. Thank you.

21 MS. RIVERA: Thank you, Mr. Bludau.

22 As Kesha Rogers is approaching, I'd just
23 like to remind you if anyone else would like to make
24 a comment to please fill out a yellow card and bring
25 it up to Susan or I. And Ms. Rogers will be followed

10-3 GEN
cont.

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1 by James Lovett, D.C. Dunham, and Willie Rollins.

2 MS. ROGERS: Thank you very much for
3 having me here for comments. My name is Kesha Rogers.
4 I'm actually a congressional candidate for the 22nd
5 Congressional District. I ran in the 2010 elections
6 and I also am an advocate for the LaRouche Political
7 Action Committee.

8 And I'm here today because I have been a
9 strong proponent and advocate of a renaissance in
10 nuclear power and development, and I, along with a
11 team of six congressional candidates running
12 nationally, are proposing not only for the advocacy of
13 the South Texas Nuclear Plant but also for the
14 development of a nuclear renaissance throughout the
15 nation and throughout the world.

16 And as many people may know, if you're
17 familiar with the advocacy of Mr. LaRouche, he has
18 been a proponent of fusion energy technology for quite
19 some time, and this has been my collaboration over the
20 years. And as I said, I'm not just here to advocate
21 for the South Texas plant and the project here, but
22 also for a renaissance in nuclear technology and
23 fusion energy throughout the country.

24 And this must be the wave of the future
25 and it is the only means of addressing what we face

11-1 GEN

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1 now as a total economic breakdown crisis in our
 2 economy. As inflation continues, as you see more and
 3 more people left without food, as speculation on food,
 4 looking at what's happening with our water resources,
 5 it is imperative that not only are we addressing the
 6 needs for advancements in nuclear fusion technology
 7 here but across the planet.

8 What I'd like to say is in addressing this
 9 global crisis, it is important to realize that there
 10 is going to be no economic recovery worldwide without
 11 the commitment on the part of the United States to the
 12 development of nuclear power and fusion research.
 13 Nuclear energy offers a higher energy flux-density and
 14 is currently the most efficient than any other power
 15 mastered by man.

16 As a part of the advocacy for a total
 17 renaissance in nuclear, I have been a proponent and
 18 actively working for the implementation of the North
 19 American Water and Power Alliance. It is a large
 20 scale bioengineering project which calls for somewhere
 21 between 169 million acre feet of water directed from
 22 Alaska through Canada, with development of tunnels,
 23 pumps, lifts, canals, and the sawtooth lift function
 24 of this project will require about 26 gigawatts of
 25 power and will require about 30-plus or so nuclear

11-1 GEN
cont.

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1 stations to be operable. We could use the 400
 2 megawatts model of nuclear plants such as the GE prism
 3 model.

4 This North American Water and Power
 5 Alliance is the vision for the future of mankind, it
 6 is a means for solving the long-term needs for mankind
 7 for the next 50 years plus in water and resource
 8 development. This is also going to pave the way for
 9 the development and extraterrestrial imperative for
 10 space colonization.

11 And what I'd like to do is also to add to
 12 the records my support for this project and
 13 advancements in nuclear projects throughout the
 14 country, throughout the planet is a documentation that
 15 was drafted by Nuclear Engineer DeWitt Moss entitled
 16 "The Sawtooth Lift Nuclear Power Design" and also an
 17 overview of the North American Water and Power
 18 Alliance Project. Thank you very much.

19 MS. RIVERA: Thank you, Ms. Rogers.

20 Next we'll have James Lovett, followed by
 21 D.C. Dunham, Willie Rogers, and our final registered
 22 speaker so far is Ian Overton.

23 MR. LOVETT: My name is James Lovett.
 24 I've been retired for quite some years, but in my day
 25 I had over 40 years in the nuclear energy industry,

**11-1 GEN
 cont.**

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1 including the U.S. Atomic Energy Commission, a nuclear
 2 fuel fabricator -- not the reactors but the
 3 fabricator -- and 17 years with the International
 4 Atomic Energy Agency.

5 I think that to the long litany of support
 6 for the reactors, about the only thing I can add is to
 7 just spend one minute on information that I got from
 8 other nations. I saw a statistic just today. The
 9 U.S. has fewer than 25 percent of the operating
 10 nuclear reactors in the world, we have fewer than 25
 11 percent of the proposed or under construction reactors
 12 for the next few years. We need more nuclear energy.

12-1 GEN

13 Several nations have nuclear energy
 14 policies. These policies are all variations on one
 15 theme: one, oil is not a dependable source of energy,
 16 it can be interrupted at any time and it is not
 17 feasible to store more than a few months worth of
 18 reserve supply; two, nuclear energy is the only source
 19 of energy, other than wind and solar -- which I hope
 20 come along in the future but at the present have to be
 21 considered in the development stage -- nuclear energy
 22 is the only source of energy that can produce large
 23 quantities of energy without dumping large quantities
 24 of carbon dioxide into the atmosphere.

12-2 ALT

25 Yes, the natural gas plant is better than

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1 the coal plant and I'm not particularly in favor of a
2 coal plant in Matagorda County, but natural gas is
3 contributing to global warming and we cannot afford to
4 build any more of it than we have to.

5 I'm a strong supporter of nuclear energy,
6 I'm a strong supporter of renewing these, in due
7 course I will be a strong supporter of Units 3 and 4.
8 Thank you.

**12-2 ALT
cont.**

9 MS. RIVERA: Thank you, Mr. Lovett.

10 Next we have D.C. Dunham, followed by
11 Willie Rollins and Ian Overton.

12 MS. DUNHAM: Good afternoon. I'm D.C.
13 Dunham. I'm the executive director for Bay City
14 Community Development Corporation.

15 And have you ever wondered what Bay City
16 and Matagorda County would be like if we didn't have
17 South Texas Nuclear Operating Company here? There
18 isn't a day that goes by that we don't run into or
19 communicate with STP employees. They're involved
20 throughout our community, and I really have a hard
21 time imagining what it would be like here without them
22 because they're such a huge asset to our community.

13-1 SOC

23 And of course, we love to show off our
24 assets, and I'm proud to say that every time I meet
25 someone I always talk about we're the home of a

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1 nuclear power plant, because I'm just really proud of
 2 that. And because of that, I've also invited all of
 3 our surrounding economic development associates to
 4 come and visit STP because I want them to see the high
 5 level of security and safety that they operate in
 6 every day. And I've got them actually scheduled next
 7 month, so Mr. Halpin, hopefully you can stop by and
 8 say hello.

**13-1 SOC
cont.**

9 But as an economic developer and resident
 10 of Matagorda County, I'm very thankful to have such a
 11 great asset in our community, and they will not only
 12 have a positive impact but an excellent impact on our
 13 taxes, community development and our environmental
 14 justice. Thank you.

15 MS. RIVERA: Thank you, Ms. Dunham.

16 Next we'll have Willie Rollins, followed
 17 by our final speaker, Ian Overton.

18 MR. ROLLINS: Hello. My name is Willie
 19 Rollins. I'm a private citizen.

20 I don't have a lot of knowledge on
 21 technical skills about nuclear energy, so I'm just
 22 going to limit my comments to the social environmental
 23 impact that STP has had on this community.

14-1 SOC

24 Matagorda County, like many rural
 25 communities, over the years has suffered from brain

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1 drain where your best and your brightest tend to leave
 2 and seek their fortunes other places. Well, STP has
 3 helped to reverse that trend in Matagorda County. Not
 4 only does it provide great paying jobs for our youth
 5 that even go off to college and return to become
 6 productive citizens in this community, they have
 7 reduced the amount of exodus of kids leaving this
 8 community in the first place with the creation of the
 9 Center for Energy Development where we can now grow
 10 our own.

11 The social environmental impact of that,
 12 just in and of itself, has been tremendous. If we
 13 were to track the intellectual scale of Matagorda
 14 County within the last 20 years, you can begin to see
 15 that if you start off with the census of 2000, the
 16 number of high school graduated individuals in
 17 Matagorda County represented about one-third, another
 18 group of individuals that did not have a high school
 19 diploma represented another third. So effectively,
 20 basically two-thirds of the population of Matagorda
 21 County had a high school diploma or less.

22 If you begin to look at the recent trend
 23 since the South Texas Project has been in this
 24 community, you can see that trend reversing and the
 25 numbers of educated citizens of this community going

**14-1 SOC
cont.**

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1 up.

2 When I returned to Matagorda County
3 several years ago, I became actively involved in a lot
4 of the nonprofit organizations. The premier nonprofit
5 organization for this community was United Way, but at
6 that time, unfortunately, United Way was under poor
7 leadership and dysfunctional.

8 Thanks to the leadership of two employees
9 from STP, one by the name of Gerald Wilson, another by
10 the name of Chris Johnson, who took the leadership of
11 the United Way and made it the organization that it is
12 today that's supporting over 30 other non-profit
13 organizations in this community, there are others that
14 could talk more eloquently about the economic impact
15 of STP, but the ancillary benefit of its employees
16 serving on nonprofit boards, and not to mention our
17 faith-based communities through their tithes, their
18 offerings that support churches and other community-
19 based organizations, that contribution is almost
20 immeasurable.

21 So that, for me, is the state of the
22 environmental impact as it relates to the social
23 community in Matagorda County. And I thank you all
24 for this opportunity to give those expressions.

25 MS. RIVERA: Thank you, Mr. Rollins.

**14-1 SOC
cont.**

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1 I'd like call up the final speaker, Ian
2 Overton. And if we've missed anyone, please fill out
3 a yellow card and pass it to Susan or I.

4 MR. OVERTON: Hello. My name is Ian
5 Overton and I'm an organizer with the LaRouche
6 Political Action Committee, and I wanted to come out
7 and show my support for STP.

8 And I think that it's probably best, when
9 talking about the environmental benefits of nuclear
10 power, to compare it with the environmental problems
11 that other forms of power offer. So for example, the
12 amount of energy in one pellet of uranium, about the
13 size of my fingernail here, is equivalent in energy to
14 about 30 barrels of oil or 6.15 tons of coal, or 23-
15 1/2 tons of dry wood.

16 When you start going into other examples
17 of energy, such as wind or solar, the amount of return
18 gets even worse because the amount of radiant heat
19 coming down from the sun is only about 200 watts per
20 square meter, and the amount of land area and the cost
21 of building and maintaining solar panels or windmills
22 is far, far greater than the actual benefit you get
23 from them, not to mention that windmills kill birds by
24 the dozen and solar panels, with their polarized
25 lights, kill insects by the countless numbers.

15-1 ALT

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1 So what we have to deal with is actually
2 the most important thing we have to be looking at when
3 we're talking about nuclear power and the necessity of
4 expanding our nuclear industry is that the way in
5 which we're going to be able to create resources in
6 the future. You only get enough heat density in a
7 given area through nuclear power to do things like
8 create fresh drinking water, or distill medical
9 isotopes, or other things that civilized society
10 depends upon to create a dignified standard of living
11 for all of its population.

12 Therefore, one of the most dangerous
13 environmental impacts is the political agenda against
14 nuclear power which, in effect, is also against
15 humanity because humanity needs to progress in the
16 direction of increasing the productive powers of labor
17 and the productive work of society overall -- which is
18 something that STP contributes to, as you've heard, as
19 nuclear power contributes to overall.

20 And I think that the nuclear station here,
21 given the opportunity, will be a very happy
22 contributor to eventually realizing 6,000 gigawatts of
23 nuclear electricity which is about what's going to be
24 needed to bring the world up to a living standard that
25 is actually acceptable for a species such as ours.

15-2 GEN

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1 This concludes my presentation and I will
2 now turn it over to our meeting facilitator.

3 MS. RIVERA: Thank you, Michelle.

4 At this point we'll open the floor to
5 questions on the process, and I'll come out with a
6 microphone if there are any. Just raise your hands.

7 Do you have a question? Please state your
8 name and affiliation, if any, before your question.

9 MR. CORDER: Good afternoon. My name is
10 John Corder, 313 County Road 912 in Brazoria County.
11 I'm proud to say that I worked on STP 1 and 2 for five
12 years.

13 My concern is something that affected me
14 personally that I identified some concerns that I had
15 as time went on, and through the process of the United
16 States Labor Commission I was able to settle my
17 complaints inasmuch as I was not told ever whatever
18 happened to the results of my complaints.

19 I'm here tonight to offer to the STP, not
20 only 1 and 2 but 3 and 4, to please make public -- and
21 I've worked with the administration of both 1 and 2
22 and 3 and 4 -- to make public inasmuch as they could
23 put it into the Bay City Library.

24 Here's the facts, if you're any of these
25 people here -- excuse me a minute to get it correct --

16-1 OOS

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1 if you're an employee, a contractor, a vendor,
 2 personnel or a visitor reporting safety-related or
 3 quality concerns, what I'm saying is that whatever
 4 those concerns are should be made public, put in a
 5 public place.

6 The pressure on individuals to report
 7 something is great when they fear if they're working
 8 that they'll be terminated, or maybe they go ahead and
 9 get terminated or choose another job, what happens to
 10 the concern that they have identified.

**16-1 OOS
cont.**

11 We have in this policy of STP that they'll
 12 take care of it and NRC will, and I'm sure their
 13 intent is very good. What we the people need to know
 14 is that whatever that concern was should be
 15 identified. That is only part of it. What is the
 16 resolution to that concern, and thirdly, whatever
 17 happened to the culmination that that concern was
 18 adequately identified. Even if the person wanted to
 19 be anonymous, it's still important publicly regarding
 20 what emphasis it has to the NRC or to the project,
 21 it's important to the public.

22 We're here tonight to understand that the
 23 NRC and the STP are interested in continuing their
 24 license. I agree with that. I agree also that in
 25 that process their policy should be changed in words

16-2 GEN

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1 that would say that we, STP, will identify to the, for
 2 example, Bay City Library, will put in the concerns
 3 that are presented to them so that the public will
 4 have access to know what they were, what the
 5 resolution was, and if it in fact was completed.

16-2 GEN

6 Thank you very much.

7 MS. SALTER: Thank you, Mr. Corder. And
 8 I believe we have some information on, it sounds like,
 9 maybe possibly an allegation. We'll follow up with
 10 that and get back with you on that.

11 Does anyone have any questions on the
 12 process before we move into the comment period for the
 13 review, for the license renewal review, environmental
 14 evaluation?

15 (No response.)

16 MS. RIVERA: Okay. So with that, we are
 17 going to enter into the comment period. Again, if you
 18 would like to make a comment and you have not filled
 19 out a yellow card, it's not too late. You can get one
 20 in the back and bring it to me and we'll add you to
 21 the list.

22 I'm going to turn it back to Alison.

23 MS. RIVERA: Thank you.

24 First up, we're going to have Matagorda
 25 County Judge Nate McDonald, and on deck we'll have

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1 Mitch Thames, Tim Powell and Ken Head.

2 JUDGE McDONALD: Good evening. My name is
3 Nate McDonald. I'm the county judge from Matagorda
4 County, and I want to thank the NRC for hosting this
5 event tonight to give all of you a voice in the
6 process. That's the way America was promulgated in
7 the beginning, and that's the way it should be and
8 always shall be, we hope, and we thank you all for
9 making that available to us tonight.

10 Ladies and gentlemen, by its very
11 definition, an electric generating station is designed
12 to churn out power seven days a week, 24 hours a day,
13 and hopefully 365 days a year, unless, of course, you
14 have those unforeseen events that come along from time
15 to time.

16 Just last month we had one of those
17 unforeseen events right here in this county and in
18 many, many parts of the State of Texas. Many, many of
19 the electric generating stations in the state did a
20 fine job; many, many of them fell offline. I can tell
21 you, though, from firsthand knowledge that one of
22 those stations that didn't go offline and that did do
23 a very, very good job was right here in Matagorda
24 County. We had two units of nuclear that operated
25 completely right through every outage that was in this

17-1 GEN

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1 cold snap that we had, and not only that, but did it
 2 in a safe and reliable manner with no reportable
 3 injuries, the whole thing. You know, that in itself
 4 is plenty to keep this station running for another 20
 5 years.

6 If we start down the path of all the other
 7 ancillary things that this plant has for Matagorda
 8 County, it's going to take a heck of a lot more than
 9 the three to five minutes that I have, so I'm not
 10 going to start down that path. But what I will tell
 11 you and what I do know from firsthand observation is
 12 that this plant is committed to the safety and the
 13 well-being of the citizens of Matagorda County, to
 14 their employees, and that's what they practice first
 15 and foremost is safety, and they do that oftentimes at
 16 the expense of profits.

17 And I can tell you that's a very, very
 18 refreshing take on a business model because you don't
 19 see that much in corporate America these days, ladies
 20 and gentlemen. But we see that and we have that right
 21 here in Matagorda County, and all the while having
 22 promulgated and carried out that culture of excellence
 23 that they practice. They've developed a very good
 24 business model that does allow them to produce and
 25 does allow them to lead the nation, and even the

17-1 GEN
cont.

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1 world, in safe and reliable electric generation.

2 So that, in a nutshell, for me is what's
3 the very most important thing about consideration for
4 this renewal that we're talking about tonight.

5 I hope that the NRC will smile favorably
6 upon this plant's request and I'd hope that you would
7 grant it. And if there's ever anything that I or my
8 office or any of the commissioners that serve on the
9 court with me can answer for you, I'd hope that you
10 would call us and ask those questions of us and give
11 us the chance to answer those for you.

12 We do appreciate you all being here this
13 evening, we do appreciate STP's confidence in us, and
14 we especially appreciate STP's willingness to grow out
15 their legacy for the county by another 20 years in
16 filing this application.

17 So thank you all very, very much again,
18 NRC, for allowing us to comment tonight. Thank you.

19 MS. RIVERA: Thank you, Judge McDonald.

20 Next we have Mitch Thames, followed by Tim
21 Powell, Ken Head and Mike Bolin.

22 MR. THAMES: And again, thank you. I also
23 want to echo the Judge's comments. NRC, thank you so
24 much for coming down to Matagorda County, and as an
25 official welcome, we certainly do appreciate you.

**17-1 GEN
cont.**

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1 I want to touch on two aspects of the
 2 review. One is going to be the environmental aspect.
 3 It's very important when you talk about Matagorda
 4 County -- and I'll do just a little bit of a
 5 commercial -- we have a very, very sensitive area in
 6 that we have the freshwater from our Colorado River,
 7 two bays, estuaries, as well as the Gulf of Mexico.
 8 We are the North American Christmas bird count winner
 9 about eleven out of the last twelve years. It was
 10 foggy one morning and we missed some of those birds.

18-1 ECO

11 But as you see that as we've got such a
 12 great ecological area here the whole time Units 1 and
 13 2 have been operating. So we're very, very proud of
 14 the fact that the South Texas Nuclear Operating
 15 Company, with Units 1 and 2, continues to operate in
 16 a strong fashion while our environment is protected.

17 The second is from more of a behind-the-
 18 scenes type of safety aspect. The Judge has seen fit
 19 to have me as one of the PIOs, public information
 20 officers, for the county during a lot of our STP
 21 drills, many of which you grade us on every aspect of
 22 it. We're very proud of the fact that we set the
 23 standard, I think, in the nation, and that's some of
 24 the feedback we've gotten from the NRC.

18-2 OOS

25 I have been allowed to have information

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1 opened up, as the county's PIO. There's never been a
2 piece of information that's been withheld as we go
3 through drills, as situations were faced. We're also
4 educated from a county standpoint, knowing exactly
5 what's going on at the plant in case something should
6 ever happen. It is important for us to be able to
7 stand up and speak to the media, but more importantly,
8 as you know, we're speaking to the citizens of
9 Matagorda County and keeping them safe.
10 So on both aspects it's a five-star rating.

11 We certainly do appreciate you being here,
12 and we thank you so much.

13 MS. RIVERA: Thank you, Mr. Thames.

14 Next we'll have Tim Powell, followed by
15 Ken Head and Mike Bolin. And as you start your
16 comments, if you could introduce yourself and give
17 your affiliation, if any, please.

18 MR. POWELL: Thank you very much. I'm Tim
19 Powell. I'm the vice president of Technical Support
20 and Oversight for the South Texas Project, and the
21 license renewal comes under my area.

22 Do appreciate the Nuclear Regulatory
23 Commission coming down and supporting this public
24 forum. It is extremely important, the public input in
25 this process, because it helps us become a better

18-2 OOS
cont.

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1 station with the more input that we get.

2 I really would like to thank the residents
3 of the local communities and the leaders that have
4 come out to provide input. We couldn't do it without
5 you and we appreciate your support and your comments.

6 I would also just like to state that over
7 the last seven years we have had the top two-unit
8 producing power plant in the United States, and over
9 the last five years the top two-unit producer in the
10 world. We accomplished that by focusing on safety
11 first. Nuclear safety is our number one priority and
12 something that we hold very dear, and we continuously
13 focus on it.

19-1 GEN

14 Our employees are active in the community.
15 I think we are an excellent corporate citizen, and we
16 look forward to doing that all the way to 2047 and
17 2048. We look forward to serving Matagorda County
18 through the production of safe, clean, carbon-free
19 electricity over those extra 20 years. Thank you.

20 MS. RIVERA: Thank you, Mr. Powell.

21 Next we have Ken Head, followed by Mike
22 Bolin.

23 MR. KEN HEAD: Thank you. My name is Ken
24 Head. I'm a small business owner here in Matagorda
25 County.

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1 And first of all, I'd like to thank the
 2 NRC for coming down today. We really appreciate your
 3 concern over our environment, as well as our community
 4 leaders here in Matagorda County.

5 I'd like to express it's necessary for the
 6 continued growth of our county for you to issue the
 7 20-year continuation of STP. STP employees are some
 8 of my top customers and they're the ones that keep our
 9 community afloat, as well as our small businesses, our
 10 hotels, our food eateries, everywhere else. I would
 11 imagine you're staying at some of those fine utilities
 12 this evening.

20-1 GEN

13 As a long-time resident of Bay City, I've
 14 seen the good, the bad and the ugly of STP, and good
 15 thing I've never seen any bad or ugly, everything I've
 16 seen has been pretty good. And I appreciate the
 17 leadership out there that I see sitting around this
 18 room that has made that happen.

19 What should you focus on? Obviously, our
 20 environmental concerns are a huge part of this. I'm
 21 the Convention and Visitors Bureau and one of our main
 22 focuses is bringing tourists down to Matagorda County
 23 to see what we have to offer. Good thing one of our
 24 sights to see is STP, as well as all around STP we
 25 have tons of fishing, birding, we have farmlands and

20-2 SOC

20-3 ECO

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1 everything else, and from what I've seen, there have
 2 been no concerns with those at all, as I grew up
 3 fishing right below STP on the Colorado River. And I
 4 would like to thank STP for providing that to me,
 5 providing the safe waters and the safe grounds for me
 6 to do that on.

**20-3 ECO
cont.**

7 As well, it is my opinion that if the
 8 renewal should be given to STP, I think the highly
 9 qualified organization out there will continue working
 10 on 1 and 2 as they continue to build 3 and 4, and I
 11 think you ought to take that into accountability that
 12 with the 3 and 4 coming on that they can continue to
 13 operate 1 and 2 successfully.

20-4 GEN

14 Thank you so much.

15 MS. RIVERA: Thank you, Mr. Head.

16 Next we'll have Mr. Bolin, and if anyone
 17 else would like to register to speak, just fill out a
 18 yellow card.

19 MR. BOLIN: Thank you. My name is Mike
 20 Bolin, and I'm a partner with John White in a small
 21 general contracting firm local to Bay City.

22 There's not much else to say after Ken
 23 Head covered the waterfront, and I agree with
 24 everything that he said. And I'd also like to, for
 25 the record, say that I am absolutely for the

21-1 GEN

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1 continuation of such a good neighbor and a good
 2 employer, just a good citizen. Our hopes are that it
 3 will continue and that we're for it, and we just wish
 4 we had more employers like you in this county.

**21-1 GEN
cont.**

5 Thank you.

6 MS. RIVERA: I have a yellow card now for
 7 Mr. Corder. Did you have additional comments that you
 8 wanted to come up and make?

9 As he's approaching, I'll say that on deck
 10 is Casey Kile, Robert Singleton, Karen Hadden, and
 11 Bobby Head.

12 MR. CORDER: My name is John Corder, 313
 13 County Road 912, Brazoria County. It's a pleasure to
 14 be here tonight.

15 As I said earlier, I had the pleasure of
 16 working on 1 and 2 for about five years. I've also
 17 had the experience of overseeing quality control for
 18 the company I've worked for for about 30 years in
 19 quality control, and I've been personally on five
 20 nuclear plants. This has been one of them.

22-1 OOS

21 To more elaborate on what I just said, my
 22 concern is having worked with the STP present
 23 administration and the Units 3 and 4, I'm really not
 24 satisfied that they had the openness that I expected
 25 when it come to personnel for the individual workers

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1 or those that are here in these categories that I
2 mentioned.

3 I would admonish all of us to always keep
4 tabs on the installation itself, feel free that you
5 can ask questions and if there's any questions that
6 ever come from a worker. It is very difficult for a
7 lot of people to identify a problem. They feel
8 threatened by it, and frankly, that is a real concern,
9 been there.

**22-1 OOS
cont.**

10 So I'm hoping that in the renewal -- and
11 I wish that the plants get renewed, I'm not going to
12 say about nuclear not being safe, et cetera -- I am
13 only saying that I am hoping that we have more of an
14 openness with the community or for those that have any
15 questions about the safety or any concern, whether it
16 be for personnel protection, plant safety or for the
17 administration of how they do their policies.

22-2 GEN

18 I was working with 1 and 2 and 3 and 4 on
19 those policies they have which said about the
20 openness, and that's what I said is that I hope that
21 we can have, like the person said before, it will be
22 in the library, but really I want the concerns to be
23 there so that we can look at them and get them
24 resolved.

22-3 OOS

25 And I wish STP good luck.

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1 MS. RIVERA: Thank you, Mr. Corder.

2 Next we'll have Casey Kile, followed by
3 Robert Singleton, Karen Hadden and Bobby Head.

4 MR. KILE: My name is Casey Kile. I'm the
5 president of Bay City Babe Ruth here in Bay City.

6 And I'd just like to say that, on behalf
7 of Babe Ruth, we're very grateful for everything STP
8 does for us as an organization. They're a major
9 sponsor in all of our events. Over the last ten years
10 we've hosted four regional tournaments and eleven or
11 twelve state tournaments, and without STP's support,
12 we would never have been able to participate in those
13 tournaments or even host those tournaments.

14 On the economic standpoint Mr. Head said,
15 earlier last year we hosted a regional tournament. We
16 had five states come to visit Bay City, over 400
17 visitors in town, over 100,000 new dollars just last
18 year, and without STP supporting that, we wouldn't
19 have been able to host that tournament. So we'd like
20 to thank them.

21 Not only do they help us monetarily with
22 our tournaments, but their employees also volunteer
23 with us, and we'd like to thank them for their
24 employees and letting them volunteer.

25 Over the last ten years, like I said,

23-1 SOC

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1 we've hosted about 15 tournaments and probably half a
 2 million new dollars in Matagorda County over the last
 3 ten years.

4 So if you wouldn't mind, Bay City Babe
 5 Ruth and all the youth are in great favor of renewing
 6 STP for their license. Thank you very much.

7 MS. RIVERA: Thank you, Mr. Kile.

8 Next we'll have Robert Singleton, followed
 9 by Karen Hadden, and finally, Bobby Head. And if
 10 anyone else is interested in speaking, just please fil
 11 out a yellow card and bring it up to Susan or I.

12 MR. SINGLETON: Hi. My name is Robert
 13 Singleton. I'm from Austin and I'm representing
 14 public citizen at this event.

15 You may ask why I'd want to come down from
 16 Austin to talk to you. Well, Austin is a 16 percent
 17 partner in Unit 1 and Unit 2, and if you look back
 18 over the history of the project, we've got a lot less
 19 reason to celebrate this plant than maybe some people
 20 who live here do. I'm not going to talk a lot about
 21 jobs but I'm going to wrap up with that tonight.

22 But Austin's experience with 1 and 2 was
 23 a nightmare. We had it thrust upon us by politicians
 24 who were determined to continue to take public votes
 25 until we bought a share of the plant. We tried to get

24-1 SOC

1 out of the plant at one point, tried to sell our 16
2 percent share, and can't.

3 The problem was at its worst in the '90s
4 when 42 cents out of every dollar that we paid on a
5 utility bill was going for debt service at NRG. For
6 our 16 percent share, we were paying almost half of
7 our utility bill for debt service on the project.

**24-1 SOC
cont.**

8 I want to talk mainly about safety
9 tonight. And I know that when you're living here, the
10 plant is just something that's always been there, but
11 my thinking about safety at nuclear power plants is
12 sort of: Yeah, they've got redundant safety systems
13 because there are redundant dangers. The analogy I
14 like to think of is if I'm walking through a
15 construction site wearing a hard hat and a brick falls
16 six stories and bounces off my helmet, my first
17 thought is not thank God the helmet worked, my thought
18 is who dropped the brick.

24-2 OOS

19 If you want to know what's going on with
20 nuclear power plants and you support this plant, I'm
21 going to challenge you to do one thing, and that is
22 tomorrow morning go to the NRC website, www.nrg.gov,
23 and click on event reports and click on current
24 events. If you do this for a couple of days a week,
25 you're going to be convinced that nuclear power plants

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1 routinely have near misses that could have
2 catastrophic results.

3 Nuclear power is the only form of energy
4 generation that has the potential for killing
5 thousands of people in one single event. I mean, if
6 you're investing in wind, what's the worst that can
7 happen? You have a catastrophic accident, you don't
8 generate power and maybe some sheep were
9 inconvenienced. Nuclear power has the capacity to
10 kill people, it's a dangerous technology. All you
11 have to do is look at Chernobyl and Three Mile Island.

12 How many of you have ever heard of SL1?
13 It was an experimental reactor in Idaho that in the
14 early '60s had a fatal accident. There was one
15 gentleman that was actually pinned to the ceiling of
16 the containment building by a rod when there was a
17 steam explosion in the plant. It impaled him to the
18 ceiling stuck on a control rod.

19 Nuclear power can and has caused human
20 fatalities. Read about Chernobyl. I know that NRG is
21 going to say well, new reactors are safer, but they're
22 saying this in a way that causes me to ask this
23 question. When they're talking to you about 3 and 4,
24 they say these plants are newer and safer, or safer
25 and more advanced than the old plants. Well, they're

**24-2 OOS
cont.**

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1 also arguing for extending the life of the old plants
 2 which had a limit on their life in the first place for
 3 a reason: we didn't know how long you could run a
 4 nuclear power plant; we still don't.

5 Turkey Point in Florida, they had to
 6 replace the steam generators in the plant, and to
 7 replace a steam generator you have to cut a hole in
 8 the containment building, you have to take the
 9 generator out and put the new one in. Well, what they
 10 found was that the cement inside the containment
 11 building had degraded over the last 20 years, there
 12 were immense cracks that ran through the inside of the
 13 structure.

**24-2 OOS
cont.**

14 And that is what happens when you extend
 15 the life of a nuclear plant. These things were
 16 designed to have a limited life for a reason. They're
 17 not going to safe forever.

18 Nuclear power was also always intended to
 19 be a bridge technology. We're always going to find
 20 something better, and what we could do right now
 21 instead of re-license these is make an investment in
 22 renewables which could have, in terms of jobs, just as
 23 much of an impact as extending the life of this plant
 24 or building new units.

24-3 ALT

25 The other thing about switching forms of

1 energy is that you can create jobs locally that are
2 going to be exclusively locally. Nuclear power, a lot
3 of the jobs that are generated are going to be foreign
4 manufacturing jobs. The components for these plants
5 are built off site, they don't really generate that
6 much for your local economy.

7 There are new and exciting technologies
8 that we could be counting on. For example, there's an
9 Australian company called EnviroMission that's just
10 about to open a project in Arizona. What it is is
11 it's a tower, just a tower, covered around the base
12 with thick plastic. What it does is it captures the
13 heat of the sun, the heated air rises up a chimney and
14 turns a turbine. It's basically the only moving part,
15 so the turbine and then the generators from it.

16 The cool thing about it is that it
17 continues to generate electricity even at night
18 because the head of the ground continues to make this
19 temperature differential and the air continues up the
20 chimney and the turbines continue to turn.

21 This is the kind of thing that can be
22 built and provide localized power. In West Texas, for
23 example, we could build these things and not have to
24 ship the power across the state. We could actually
25 use it to provide energy where it's built.

**24-3 ALT
cont.**

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1 There are alternatives, and I really think
2 that there's not enough proof that a plant can be run
3 longer than the time period in which the engineers
4 that designed it said it was designed to be built.
5 They're talking now about running some nuclear plants
6 for 60 years. My question is is this because they're
7 so much safer than they were thought to be originally,
8 or is this because the people that run nuclear power
9 plants say if we close it down we don't make any
10 money; if we continue to run it, sure they'll be less
11 safe than they were, but as long as they don't
12 actually melt down, we're going to continue to make
13 money. I think you'll find out that's what it is.

24-4 00S

14 And also don't let NRG give you this
15 talking out of both sides of their face where they say
16 the 3 and 4 are going to be better and newer, at the
17 same they're talking about extending the life of what
18 then could be argued are the older and the less safe
19 plants. Can't have it both ways, and there are
20 definitely alternatives.

21 Thanks.

22 MS. RIVERA: Thank you, Mr. Singleton.

23 Next we'll have Karen Hadden, followed by
24 our final registered speaker, Bobby Head.

25 If anybody else is interested in

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1 registering, just fill out a yellow card and bring it
2 to the front. Thank you.

3 MS. HADDEN: Good evening. My name is
4 Karen Hadden, and I'm here as executive director of
5 the SEED Coalition, Sustainable Energy and Economic
6 Development Coalition.

7 And first I'd like to say thank you
8 because we've been down here a number of times and
9 we've expressed concerns about the new reactors
10 proposed, but we've always been treated well in Bay
11 City, and I have a huge respect for the people who
12 work here and live here, and I do think you have a
13 beautiful community and I do hope that tourism
14 continues and grows.

15 I also have concerns about the re-
16 licensing of reactors 1 and 2. I think there's a
17 number of issues that need to be looked at carefully
18 during this process and bearing worker safety in mind.
19 One of them is tritium, and basically there has been
20 tritium showing up in wells on the site. This needs
21 to be looked into thoroughly, as well as tritium in
22 the Colorado River, and documented, measured,
23 carefully analyzed to see if it's safe to continue
24 down this path at this point in time.

25 Another issue is control rods. There were

25-1 RAD

25-2 OOS

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1 problems when the new reactor heads were put on, the
 2 control rods got stuck. This is actually happening at
 3 many different reactors right now. And there's been
 4 some flaws in construction of some of the equipment
 5 involved. So I think during this process that there
 6 should be a thorough analysis of the control rods,
 7 their drive mechanism, and so on and so forth, and see
 8 if there's any problems technologically with the parts
 9 that are here and being used.

**25-2 OOS
cont.**

10 I share the concerns mentioned by Robert
 11 Singleton about embrittlement as the plants age.
 12 These reactors were not designed to run forever; they
 13 were designed to be closing down about this time, and
 14 the first five years and the last five years of a
 15 nuclear reactor's life cycle are the ones where they
 16 have the most risk, and I think we should bear that in
 17 mind during this process and do analysis on that
 18 front.

19 Furthermore, in 1982 there was a study
 20 done for the Nuclear Regulatory Commission called the
 21 Crack Two Study. It found that if there were an
 22 accident -- and they were looking at Units 1 and 2 --
 23 that there would be 18,000 early deaths. They would
 24 also be followed by thousands of cancers. That study
 25 has not been updated. The population in some of this

25-3 SEV

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1 region has grown, and it needs to be looked at again
 2 to find out what is the reality of the situation
 3 today, and that needs to be compared to other ways of
 4 generating electricity.

**25-3 SEV
cont.**

5 There is a problem with the leaking main
 6 cooling reservoir which was described and documented
 7 in the license application for Units 3 and 4. There
 8 needs to be tracking of where the water is going, is
 9 it reaching the Gulf, where is it going, what is it
 10 doing. That should be part of the re-licensing study
 11 and analysis.

12 Water use is an increasing issue. Up
 13 until this point, the highest use that I know of
 14 through researchers looking at this is 49 percent of
 15 the Colorado River has been used for cooling purposes,
 16 and I know a couple of summers ago there was a lot of
 17 pumping going on to refill the reservoir when it got
 18 kind of low.

25-4 HYD

19 It's a problem for those of us in Austin.
 20 The Colorado River water has to serve a lot of
 21 purposes. Rice farmers need it; we're going to need
 22 it for many, many purposes, recreation, fishing on our
 23 end. And Lake Travis levels were at an all-time low
 24 several years ago. Every single dam on the whole lake
 25 was closed; you couldn't put a boat in.

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1 And we would like to see something shift
 2 to where this much water was no longer required.
 3 Certainly you're still going to have to still cool
 4 spent fuel rods and so on and so forth, but it is a
 5 question when you look at continuing the reactors'
 6 life.

**25-4 HYD
cont.**

7 A big issue is need for power. Right now
 8 in the legal case involving Units 3 and 4, the Atomic
 9 Safety and Licensing Board has agreed to hear a
 10 contention that is one of omission. There was a
 11 failure to analyze what alternatives were there in
 12 terms of looking at energy efficiency. Building codes
 13 in particular are going to be saving -- they've been
 14 adopted -- going to be saving some 2,200 megawatts of
 15 power in Texas. We need to look at whether the power
 16 is needed, and then we need to look at how else it
 17 could be generated.

25-5 ALT

18 And certainly jobs are crucially important
 19 in every community. We realize that that's important
 20 here. I think it's time to look at what are the
 21 options in terms of transition, what other kinds of
 22 ways to generate electricity could occur here -- I
 23 think there are many -- and to start looking at
 24 training and what other options exist.

25 The reactor head that's stored onsite, I

25-6 OOS

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1 think as part of this process it should be looked into
 2 about how carefully shielded that is, is it adequate.
 3 Maybe it is, maybe it isn't. But I think that should
 4 be looked at.

**25-6 OOS
cont.**

5 Security issues continue. Just last week
 6 we heard about a Texas Tech student who among his
 7 plans was a plan to attack nuclear plants, and I think
 8 that needs to be looked at once again as well.

25-7 OOS

9 So these and many issues should be
 10 addressed. It's an important decision.

11 I think at this point in time it's also
 12 important to note that in the world of emergency
 13 planning that the ability to get potassium iodide
 14 tablets out to the public seems to have been
 15 overlooked. I don't see a lot of information about
 16 it. I think it is one approach you could take if
 17 there was a serious accident, and that should be
 18 looked at. In other places in the country potassium
 19 iodide tablets were actually distributed to the
 20 community at one point in time so that if there was an
 21 accident, you could take it and protect the thyroid
 22 from absorption of radioactive iodine.

25-8 OOS

23 I don't see that happening here, nor do I
 24 see information publicized about that option. You can
 25 buy them online, but I don't see anybody even telling

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people about that.

So I think that we will also be submitting written comments. There's other concerns that we have. We'll be looking more in-depth. A lot of issues need to be fully explored, and we look forward to communicating with you further on that front. Thank you.

MS. RIVERA: Thank you, Ms. Hadden.

Next we'll have Bobby Head.

MR. BOBBY HEAD: I'm last but I'm going to try to be a little bit quick. I think you know I can be a little bit long-winded, most of you guys.

First off, I'd like to say I'm Bobby Head, a third-generation Matagorda County resident. Love it here. There's no place like Matagorda County.

To back up a few years and tell you things that I've witnessed, back 30 years ago when we were talking about the plant, there was a group of people that decided they were going to protest it. They were from Austin, Boston, Houston, San Francisco, and they rented buses and they came down here, and they put it in the newspaper that they had a thousand balloons that they were going to release into the atmosphere, and that's what would happen if they had a meltdown, this nuclear waste would go like this.

26-1 GEN

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1 Well, it just so happened that some people
 2 from Bay City went out there. As I understand, there
 3 was one lady who took her three children out there to
 4 see the balloons. And it went into the newspaper that
 5 they released the balloons, just happened to be one of
 6 those days that the wind was blowing north and they
 7 all blew out into the Gulf.

8 Well, do you realize that today, what we
 9 know today, if we were to release a thousand balloons
 10 it would be much more detrimental to our environment
 11 than what STP has been for 30 years. We couldn't do
 12 that. We would make national news if you said we're
 13 going to release a thousand balloons, especially in a
 14 place where the number one in the nation bird count is

**26-1 GEN
cont.**

15 I'm in a unique position. I'm going to
 16 change subjects a little bit. I'm in a unique
 17 position, I've worked at STP, I've worked outages out
 18 there. I'm one of the few guys, I guess, that's only
 19 worked four outages -- I haven't worked the last
 20 couple -- but I have been from the very top of the
 21 dome to -- what's the room at the very bottom
 22 underneath the rods -- number 1. I've been there.

23 And I will tell you one thing, of all the
 24 things I've done in my life, worked in the oil
 25 industry, worked on drilling rigs, worked at Dow

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1 Chemical Company, I have never ever even come close to
2 the safety that I felt at STP. I'm telling you they
3 spend more time working on safety than anything else.
4 I've never felt one bit -- and not too many people go
5 to room number 1.

6 And it's kind of funny you go way up in
7 the top and it's really, really hot, and you go way
8 down in the bottom and it's really, really cold, but
9 they call that the hottest place in the plant, room
10 number 1.

11 But I'm going to tell you, safety, there's
12 nothing like safety at STP. I've never been involved
13 in anything like that.

14 To say that STP is a good neighbor, no
15 way. They're an awesome neighbor. They have been an
16 awesome neighbor from day one. When they first came
17 here we thought, well, those were the STP guys, and
18 for years, those guys out at STP, those guys out at
19 STP. Well, they're not. They're out coaches, they're
20 our sponsors, they're our mothers, our fathers, our
21 brothers, our sisters and our grandchildren that are
22 out there. They are us, they are out people.

23 We love you guys. We appreciate you being
24 here. We want not only Units 3 and 4, we would like
25 the extension of the units there.

**26-1 GEN
cont.**

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1 Randy Weber was here last week. He's our
2 state representative. He got over in the next room
3 and he said, Texas is growing by 113,000 people a
4 month. Wow. We're outgrowing all the states combined.
5 We're getting more people into Texas. He says if we
6 keep growing the way we are, that by 2015 we're going
7 to have to have five new nuclear plants, or 16 coal
8 plants, or 28 gas plants, or 3,000 windmills if the
9 windmills agree to turn 24-7-365. You know that's not
10 going to happen.

11 Would I like to see all of our power
12 generated totally clean. Yes, I would. It's not
13 realistic, not with what we have as today's knowledge.

14 What else do I want to say? Just to wind
15 up, I appreciate you guys coming down. If you have
16 any questions of me, a guy that worked mechanical
17 maintenance out there, let me know because we're the
18 guys that actually go out there and turn the nuts and
19 bolts and do the work, we dress in the full uniforms
20 to go to the places we have to go. If you have any
21 questions, feel free to ask, and we appreciate you
22 guys coming down.

23 Thank you.

24 MS. RIVERA: Thank you, Mr. Head.

25 Having received no other yellow cards, I'm

26-2 ALT

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1 going to turn it over to Bo Pham, the branch chief.

2 MS. SALTER: Oh, wait. We have another
3 yellow card over here.

4 MS. RIVERA: Sorry.

5 MR. KOVAR: Hello. My name is Tom Kovar,
6 and I'm a citizen of Bay City, a business owner, I
7 have a little air conditioning business.

8 And I worked at the nuclear plant for five
9 years in the construction phase in the early '80s, and
10 to start with we were kind of skeptical when they were
11 building the STP because there were several setbacks,
12 mainly in the construction companies, not in the STP
13 itself.

27-1 GEN

14 But after it was finally built, we were
15 pleasantly surprised for the last 20 years in how it
16 operated and how safe it was, and a large part of that
17 is because of the NRC and how it governs and has
18 safeguards over the nuclear industry.

19 You have to have electricity and you have
20 to have a lot of it. I wish I could afford Austin's
21 16 percent. But you have to have a lot of electricity
22 nowadays because of the way the population is, and if
23 you look at the last 40-50 years of power generation,
24 of gas-fired plants or coal-fired plants and how
25 hazardous they are to the environment and people, then

27-2 ALT

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1 I think you can't help but realize how safe nuclear
 2 power is. The government has been using it to power
 3 their vehicles in the military for a long time.

4 And there's no way that you can have a
 5 perfect system when it's run by people and natural
 6 disasters. Our greatest nuclear plant in the solar
 7 system, the sun, has been operating for billions of
 8 years and it has solar flare-ups, and we've been
 9 fortunate that none of them have been too great to
 10 impact us too greatly.

27-3 GEN

11 And in a smaller sense, our smaller
 12 nuclear reactor here has the NRC as the buffer. As
 13 our distance from the sun is the buffer that keeps us
 14 safe, well, the NRC is the buffer against any calamity
 15 happening at the nuclear plant.

16 So I think that it's the best power
 17 generation -- not the best power generation because I
 18 know you mentioned wind and solar and the tower that
 19 you mentioned, and sure there's a lot better ways,
 20 but on the scale that we need it and the timing that
 21 we need it, what are you going to do? Are you going
 22 to turn off all the lights and say let's wait till all
 23 this other stuff gets developed? You can't do that.

27-4 ALT

24 And so I'm pleasantly happy that the
 25 nuclear plant has done as well and has been as well

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01/31/2011 (2)
76 FR 5410

PUBLIC SUBMISSION

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Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0003
Comment on FR Doc # 2011-01904

Submitter Information

Name: Vicki Adams
Address:
1209 Twelfth Street
Palacios, TX, 77465
Organization: Palacios ISD
Government Agency Type: Local

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MAR 11 AM 11:07
RULE MAKING DIVISION

General Comment

I attended the Environmental Scoping Meeting in Bay City last week. I would like to thank the NRC for hosting the meeting to allow comments. It was a very interesting process and I enjoyed the wide variety of comments that were presented.

Upon arriving in Palacios about six years ago, I was surprised to learn that we had a nuclear power plant in our school district. Of course at that time, I had the same concerns that many others have about nuclear power and the safety of it, and am guilty of joking about glowing plants and mutated animals. However through the years, I have been very satisfied to witness the safety of the plant. I have two STP employees on the school board who talk frequently about safety precautions that are taken. I have personally toured the plant during an outage and have also allowed students to tour the plant during outages. If I ever felt the safety of my students was at risk, I would never allow them to travel to the plant. Additionally, each year we are sent updated emergency procedures and contacts. I believe that the nuclear plant is an asset to our school district and community and do hope that the license is renewed.

28-1 GEN

If you should ever like to contact me or would like further information on my comments, do not hesitate to call or email me.

Sincerely,
Vicki Adams
Superintendent Palacios ISD
vickia@palaciosisd.org

*SONSI Review Complete
Memorandum = ADM-013*

*E-RFDS = ADM-03
Call = Tam Tran (TXT1)*

1/31/2011
76 FR 5410 (6)

PUBLIC SUBMISSION

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STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0006
Comment on FR Doc # 2011-01904

Submitter Information

Name: Eva Esparza
Address:
2106 Benwick Circle
Austin, 78723

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NRC

General Comment

Docket ID # NRC-2010-375
These reactors came online in 1988 and 1989, and they are set to retire in 2027 and 2028. I do not believe they should be relicensed to add another 20 years of operation for these reactors. 30 year old reactors are not safe.

The risks associated with continuing operations are too great. If there was an accident, Houston could not be able to evacuate in a timely manner to avoid harmful exposure.

There are safer alternative technologies that can replace the energy generated by these reactors.

Vast water consumption requirements for these reactors add a hidden cost to taxpayers, farmers, ranchers and other industries. As water becomes more scarce in Texas, this becomes a very high risk should there be a meltdown like Japan.

There is currently a leak in the bottom. What are the health implications to wildlife and people of this leak? When will it be fixed? They have not repaired this, how can they be trusted for another 20 years?

Whose backyard is the waste being transported through? Whose backyard is the waste being dumped?

29-1 OOS

29-2 ALT

29-3 HYD

29-4 RAD

29-5 WST

SUNSI Review Complete
Template = ADM-013

E-RFDs = ADM-013
Add = T. Fran (TX71)

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76 FR 5410 (7)

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Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0007
Comment on FR Doc # 2011-01904

Submitter Information

Name: Darby Riley
Address:
6939 Forest Way
San Antonio, TX, 78240

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RULES AND REGULATIONS

General Comment

1) Why renew now with so much uncertainty about safety and 16 years before the present permit expires? 2) Well before 2027, we should have outgrown the need for nuclear power with clean alternative energy and conservation/efficiency. 3) If nuclear power risks make sense why has it always been uninsurable since the 1950's? 4) We should phase out nuclear power over the next 15 years, not renew our commitment to it.

30-1 ALT
30-2 INS

SUNSE Review complete
template = ADH-013

E-AIDS = ADH-03
Call = T. Pham (TXT 1)

Gallagher, Carol

From: Kamala Platt [kamalap@earthlink.net]
Sent: Thursday, March 31, 2011 1:57 PM
To: Gallagher, Carol
Subject: Public Comment on STP relicensing

Because of the troubled history of the South TX nuclear reactors, because the systems are not designed to last without major, expensive rebuilding, because the accidents (most recently in Japan) have only begun to illustrate what major effects are possible from a failed plant, I urge the denial of the relicensing of the STP. As a San Antonio resident, I value my community and know that we are committed to renewables and conservation, much better paths to the future on a sustainable planet.

31-1 OOS

31-2 ALT

Kamala Platt

1/31/2011
MGR 5410
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RULES AND REGULATIONS

SUNSE Review Complete
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Add = T-Plan (TXTR)

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STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0008
Comment on FR Doc # 2011-01904

Submitter Information

Name: Marion Miotok
Address:
Austin, TX, 78735

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NRC
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General Comment

In light of the nuclear disaster unfolding with the Fukushima nuclear reactors and considering that the aging reactors at STP are of the same design, I urge that the renewal application be rejected. The dangers from them aging, their design and operator failure are potentially too great to relicense them past their current license expirations. Hurricanes have been getting stronger and that presents yet another danger. We have been suffering for many years from drought conditions here in Texas. Given the huge amount of water needed for normal operation and to avert nuclear catastrophe, we would be better served to use the little water we have for agriculture and residential use. We should be investing in solar and wind and dismantling our aging reactors. Lastly, there is no way this can be justified as a result of the lack of safe storage for thousands and thousands of years of the nuclear waste. Please reject the renewal applications. The danger to our citizens is too great.

- 32-1 OOS
- 32-2 HYD
- 32-3 ALT
- 32-4 WST

*SUNSI Review Complete
Template = ADM-013*

*E-RIDS = ADM-03
Call = T. Tran (TX1)*

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Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0009
Comment on FR Doc # 2011-01904

Submitter Information

Name: Karen Seal
Address:
628 County Road 5711
La Coste, TX, 78039

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RULES AND REGULATIONS
NRC

General Comment

I oppose the continued licensing of STP 1 & 2. Uranium mining is a health issue. Nuclear waste remains a serious threat to future generations as well as the current population. We have seen from the situation in Japan what a power outage can do to a nuclear power plant.

33-1 OOS
33-2 WST

SUNSE Review Complete
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F-RIDS = ADH-03
Call = T. Fran (TX 1)

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As of: April 01, 2011
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Status: Pending_Post
Tracking No. 80c19556
Comments Due: April 01, 2011
Submission Type: Web

Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0011
Comment on FR Doc. # 2011-01904

Submitter Information

Name: Cassandra Levay
Address:
6101 Forest Timber
San Antonio, TX, 78240

General Comment

Please do not approve the licensing. Nuclear waste is too dangerous.

RECEIVED
APR 1 2011
3:48 PM
34-1 WST
ES AND DIRECTIVES

SUNSI Review Complete
Template = ADM-013

EREDS = ADM-03
Call = J. Brown (TEXT)

1/31/2011
76 FR 5410

12

PUBLIC SUBMISSION

As of: April 01, 2011
Received: April 01, 2011
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Tracking No. 80c1952d
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Submission Type: Web

Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0010
Comment on FR Doc # 2011-01904

Submitter Information

General Comment

I would like to express my concerns with extending the license on these two units. This project has had a history of accidents that I find quite disturbing. I fear that these units, which are already 20 years old, will be a huge safety risk to our community. There are cheaper, and renewable ways to get our power and I would love to see Texas lead the way in these fields. Not continue to lead us down a dead end road with nuclear power. Just in recent years the gulf coast has been victim to several natural disasters. Let's take a lesson from the plants in japan and forget this huge risk to the safety of the people of Texas.

35-1 OOS
35-2 ALT
35-3 OOS

RECEIVED

APR 01 2011 3:48 PM

MAIL

FILES AND RECORDS

SUNSI Review Complete
Template = ADM-013

E-ADS = ADM-03
Add = T. Tran (TXT 2)

1/31/2011
76 FR 5410

RULES AND DIRECTIVES
SECTION

Gallagher, Carol

From: tbscpbsc@suddenlink.net
Sent: Friday, April 01, 2011 9:20 AM
To: Gallagher, Carol
Subject: NRC-2010-0375

APRIL 1

APR 01 09:32 AM '11

13

Dear Ms. Gallagher:

RECEIVED

I appreciate the opportunity to comment on the proposed license renewal/extension for South Texas Nuclear Project Plants 1 and 2. I was living in San Antonio when this project was debated and under construction. I will be moving back to San Antonio in the next year to retire. I have followed the history of STP for a long time.

I oppose extension of the licenses for these Units.

I believe Japan's current problems demonstrates the unacceptable risks the nuclear power industry poses to human health and safety. Similar leakages could occur at STP, with dire consequences to surrounding populations.

36-1 OOS

I believe American industry is equally prone to overstating its safety records, safety concerns, and competency, as JEPSCO has done in this crisis. I also know that there have been a number of serious, sometimes unreported, usually understated safety violations over the years at STP.

I also know, from following WCS in Andrews, Texas, that there is no safe disposal for LLRW, and still no safe disposal for the high level waste fuel rods such as are melting in Japan today.

36-2 WST

I have heard the news reports that the leakage of plutonium and cesium is not a cause for concern. As a physician interested in this area, I know that this is ridiculous. I remember how much polonium was required to assassinate a Russian person in the UK.

36-3 RAD

STP was predicted to last 30 years. I agree with the UCS bathtub curve. Start up and end of life times are the most dangerous. We see the increased cracks and problems as they age. Yankee Nuclear should be shut down after all the safety violations and water contamination. There is strong likelihood STP units will be in similar condition.

36-4 OOS

STP requires a large amount of cooling water to operate, critical, as seen in Japan. Texas is facing more and more serious water shortages, as population rises and global warming effects take place. The need for water for other purposes than STP will grow. STP should relinquish its water use, and shut down.

36-5 HYD

STP does not displace CO2 emissions. Other, truly renewable energy sources are much more highly developed now, and can replace STP. By scheduled renewal, nuclear energy will be totally unnecessary.

36-6 ALT

Please do NOT extend the licenses for these plants.

Sincerely,

T. Burns, M.D.
4009 Fox Hollow CT
Midland, TX 79707

SUNSI Review Complete
If complete = ADH-013

ERIDS = ADH-03
Call - St. Thow (TXT1)

RULES AND DIRECTIVES

Gallagher, Carol

From: Jolly Clark [jolly@austin.rr.com]
Sent: Friday, April 01, 2011 3:18 PM
To: Gallagher, Carol
Subject: comment on Docket ID # NRC-2010-

APR 1
101 MAR 31 PM 3:39

Dear Ms. Gallagher:

1/31/2011
76 FR 5410

14

RECEIVED

Docket ID # NRC-2010-375

Re-licensing of South Texas Project Units 1 & 2

I have copied some of the facts below, but want to add my personal comments. In light of the disaster in Japan, and all of the other Nuke accidents and inspection complaints which are NOT publicized or fixed in an adequate way, to extend the life of these two Nukes would be height of stupidity. Remember Katrina (A Texas landfall would have been disastrous to the nukes) and the fact that environmental storms are increasing in their size and devastating nature, we can not afford to take the chance of letting these operate for an additional 20 years.

Do not be bought off by the Nuclear

industry.

Knowing banks will bet on a skunk race if they believe they can make a profit – the sub-prime crisis, credit swaps and the savings and loan debacle being prime examples - I am doubly dubious about backing the nuke because the major banks are refusing to bankroll new nukes unless the government gives them 100% coverage of debt. When pirates shy away from fleecing the public for lucrative profits, you just know it is a "pig in the poke".

37-1 OOS

James Jolly Clark

FACTS

These reactors came online in 1988 and 1989, and they are set to retire in 2027 and 2028. The re-licensing would add another 20 years of operation for these reactors.

Risks of an accident, fires, or explosions at one or more reactors at the site, risks that could increase with aging reactors NRC's 1982 CRAC 2 study found that there could be 18,000 early deaths if a serious accident occurred at the STP site.

37-2 SEV

Safer, cleaner alternative ways to generate the same power exist today and should be used.

Vast consumption of water use, largely Colorado River water, which is increasingly needed for drinking water, livestock and farming.

37-3 HYD

The main cooling reservoir is leaking out the bottom. How and when will this be repaired?

Climate change – rising temperatures could affect whether there is enough cool water to cool the reactors.

37-4 WST

There is no adequate solution for radioactive waste, so it makes sense to stop generating more.

SUNSE Review Complete
Template = ADM-013

1

E-RIDS = ADM-03
Add = N. Tran (TXT 1)

Gallagher, Carol

From: Dale Bulla [dalebulla@earthlink.net]
Sent: Friday, April 01, 2011 3:12 PM
To: Gallagher, Carol
Subject: Decommissioning of South Texas Project

1/31/2011
76 FR 5410
15

Dear Ms. Gallagher:

I want to see the Decommissioning of the South Texas Project Units 1 & 2, not the Re-licensing.

I guess supporters of that project will say these units are different and safer than the nuclear plants in Japan. But I do not want to wait until it is too late to find out!

38-1 OOS

We need to move toward heavy development of solar and wind regardless of the cost—they would be so much safer (and most likely cheaper in the long run, considering all the waste and other negatives of solar).

38-2 ALT

Sincerely,

Pat Bulla
pat-bulla@pobox.com
7202 Foxtree Cove
Austin, Texas 78750

RECEIVED

APR 01 2011 3:39 PM

APR 1

INTERNET SERVICES

SUNSI Review Complete
Template - ADM-013

1

E-REDS = ADM-03
Ode = T. Tramm (TXT 1)

RULES AND OBJECTIVES
SECTION

Gallagher, Carol

From: william stout [likeguinnes@gmail.com] *APR 1*
Sent: Friday, April 01, 2011 2:30 PM
To: Gallagher, Carol
Subject: Decommission not Re-licensing of South Texas Project Units 1 & 2

Docket ID # NRC-2010-375

11/31/2011

76 FR 5410

RECEIVED

16

Dear Ms. Gallagher,

I want to see the Decommissioning of the South Texas Project Units 1 & 2, not the Re-licensing.

It makes much more sense to allow these plants to retire in 2027 and 2028 instead of adding another 20 years of operation for these reactors given all of the inherent public and ecological dangers, liability and cost to maintain, repair and mitigate the known hazards.

39-1 GEN

You can review a summary of the troubled history of these reactors online at www.NukeFreeTexas.org

Issues relevant to NOT re-license South Texas Project Units 1 & 2 include, but are not limited to:

Risks of an accident, fires, or explosions at one or more reactors at the site, risks that could increase with aging reactors. Nuclear Regulatory Commission's 1982 CRAC 2 study found that there could be 18,000 early deaths if a serious accident occurred at the STP site.

39-2 SEV

Safer, cleaner alternative ways to generate the same power (in essence 'to boil water') exist today and should be used and funded, just like the Nuclear and Petroleum industries have been subsidized by the U.S. Government to the tune of BILLIONS of dollars annually.

39-3 ALT

Vast consumption of water use, largely Colorado River water, which is increasingly needed for drinking water, livestock and farming in an era of more frequent and lengthy periods of drought.

39-4 HYD

The main cooling reservoir is leaking out of the bottom: How and when will this be repaired?

Climate change considerations: The rising atmospheric temperatures could affect whether there is enough cool water to cool the reactors.

There is no adequate solution for radioactive waste, so it makes sense to stop generating more.

39-5 WST

Thank you for your hard work and consideration of these issues. **Please be sure to keep me informed as this regulatory process proceeds.**

Sincerely,

Bill Stout
Green Party of Texas

*SUNSI Review Complete
Template = ADH-013*

*FRDS = ADH-03
Cable = J. Man (TX12)*

RULES AND DIRECTIVES
SECTION

US Nuclear Regulatory Commission
Mail Stop O11-F1
Washington, D.C. 20555

APRIL 4
11 3 47

1/31/2011
76 FR 5410

Dear US NRC:

(17)

RECEIVED

I am writing regarding the South Texas Projects Units 1 & 2 Relicensing. NRC-2010-0375 DOCKET Nos. 50-498; 50-499.

I am asking that you do not re-license these two reactors for an additional 20 years. Nuclear power has some benefits, but it also has some risks as demonstrated by the recent disaster in Japan. At this point in time, I feel that the U.S. should move away from nuclear and oil as primary energy sources. Let's develop more renewable options. Also, as you know, nuclear power supplies require a lot of water for cooling purposes. Once again, the State of Texas is experiencing drought in 98% of its counties. Let's save the water for agricultural purposes.

40-1 OOS

40-2 ALT

40-3 HYD

Thank you for considering my request.

C. J. Keudell
10701 Rigsbee Ct.
Austin, TX 78739

SUNSI Review Complete
Template = ADH-013

E-RIDS = ADH-03
Call = T. From (TXT 2)



MOTOROLA

FILES DIRECTIVES
INVEST

APR 4

APR 3 11 6:47

To: U.S. Nuclear Regulatory Commission

Mail Stop 011-F1,

Washington D.C. 20555

RECEIVED

1/31/2011

76FR 5710

18

Dear Sir,

I am writing a request that re-licensing of South Texas Project Reactors 1 & 2 be halted for the following safety concerns regarding:

South Texas Project Units 1 & 2 Relicensing

NR C-2010-0375 DOCKET NOS. 50-498;

- the risks of an accident, fire or explosion at one or more reactors at site could increase with aging

- these reactors consume vast quantities of water used largely from the Colorado river, water that is needed for drinking water.

41-1 OOS

41-2 HYD

Thanks for your consideration,

Tarek Tousson

E-REDS = ADM-03

SUNSI Review Complete

Call = N. Tran (XT2)

Template = ADM-013

Gallagher, Carol

From: Carol Geiger [cgeiger@citizen.org]
Sent: Friday, April 01, 2011 5:35 PM
To: Gallagher, Carol
Subject: Public comment for Document ID: NRC-2010-0375-0003

1/31/2011
76FR5410

19

The license renewal application is inadequate because it:

- Fails to adequately address the Applicant's capacity to deal with fires and explosions that cause a loss of large areas of the plant. The mitigative strategies for addressing fires and explosions are inadequate to address the consequences of events such as the impacts of large commercial aircraft crashing into the reactors or related facilities.
- Fails to describe the means that would be used to determine radiation exposures to fire and explosion responders.
- Fails to describe the means that would be used to protect fire and explosion responders from excessive radiation exposures.
- Fails to determine the projected decline in demand for electricity attributable to adoption of energy efficient building code in Texas. According to a study by the American Council for an Energy Efficient Economy, building codes that increase energy efficiency may result in an energy savings of approximately 2362 MW by 2023. Such savings would nearly offset the net electrical output of 2500 MW from STP Units 1 & 2.

42-1 SEV

42-2 EE

The applicant for license renewal is STPNOC - the South Texas Nuclear Operating Company. The Matagorda County nuclear reactors are owned by NRG South Texas LP, CPS Energy and the City of Austin (of which I am a resident). Austin gets 16% of its power from the two units.

These comments were also submitted online.

Carol Geiger
Public Citizen - Texas Office
1303 San Antonio St
Austin, TX 78701
512-477-1155

RECEIVED

APR 1 2011 8:02

RULES SECTION

"It's not that easy being green . . .

. . . But green's the color of Spring
And green can be cool and friendly-like
And green can be big like an ocean, or important
Like a mountain, or tall like a tree"

- Kermit the Frog

SUNSE Review Complete
Template = ADM-013

E-RDS = ADM-03
Cell = T. Tran (TXT)

Gallagher, Carol

From: Veryan and Greg Thompson [veryanandgreg@gmail.com]
Sent: Friday, April 01, 2011 6:06 PM
To: Gallagher, Carol
Subject: South Texas Nuclear projects

1/21/2011
76 FR 5410 (20)

Dear Ms. Gallagher:

I would like to ask that you recommend that the South Texas nuclear units 1 and 2 be decommissioned and their applications for renewal be denied.

43-1 OOS

As we have seen in the last few weeks, nuclear energy is not as safe as made out to be, and there are too many problems with disposal that have not been solved.

43-2 WST

Here in Texas we have a wonderful abundance of sun as well as wind, neither dependant on other countries. We should be making use of these natural resources which are safer, reduce use of scarce water, and can't be used as political weapons.

43-3 ALT

Sincerely,

Veryan Thompson

RECORDED

APR 4 11 8:02

RULES AND REGULATIONS

SONSI Review Complete
Template = ADM-013

FRFDS = ADM-03
Call = F. Fran (TXT)

21

Gallagher, Carol

From: Robert Singleton [robert.singleton@hotmail.com]
Sent: Friday, April 01, 2011 10:59 PM
To: Gallagher, Carol
Subject: License extension for South Texas Project 1 & 2

1/31/2011
16FR5410

I am opposed to the license extensions for Units 1 & 2 at the South Texas Project.

In light of the events in Japan in the last month, the NRC should delay any license extensions until the events that led to the problems at Fukushima Daiichi can be fully examined, and the Commission can determine that the South Texas reactors could not suffer the same kind of loss-of-power accident. The Commission should also study the spent fuel pools at South Texas to make sure that they have guaranteed back-up power in the event of a natural or man-made disaster.

44-1 OOS

In addition, the existing South Texas units need to be evaluated to see if they will need to be modified to meet the newly proposed cooling water requirements that the Environmental Protection Agency announced this week.

44-2 ECO

Robert Singleton
2048 W. Stassney Lane, #234
Austin, TX 78745

512-845-5185

RECEIVED
APR 1 11 08 02
RULES AND OPERATIONS

SUNSI Review Complete
Template = ADM-013

E-REDS = ADM-03
Cdd = T. Tran (TTH)

RULES AND DIRECTIVES
BRANCH

APR 14

Karen Hadden, Executive Director
Sustainable Energy & Economic Development (SEED) Coalition
1303 San Antonio, #100
Austin, Texas 78701

APR 25 AM 8:02

April 1, 2011

RECEIVED

Cindy Bladey, Chief, Rules, Announcements and Directives Branch (RADB)
Division of Administrative Services, Office of Administration
Mail Stop: TWB-05-B01M
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

1/31/2011

76 FR 5410

Docket ID # NRC-2010-0375

22

Re-licensing of South Texas Project Units 1 & 2

Additional SEED Coalition Comments Regarding Re-licensing of South Texas Project Reactors 1 & 2

There are many issues of concern regarding re-licensing of STP Reactors 1 & 2. We oppose re-licensing and believe the reactors should be shut down by their original retirement dates – in 2027 and 2028, or sooner and that adding 20 more years of operation could lead to unsafe conditions.

45-1 OOS

At least one of the troubled Fukushima reactors in Japan had just been re-licensed, and the situation would likely have been less severe if this reactor had been decommissioned.

SEED Coalition has previously submitted comments as intervenors and provided oral comments at a public hearing. We would like to again raise concerns about the risks of an accident, fires, or explosions at one or more reactors at the site, risks that could increase with aging reactors.

45-2 SEV

We are all too aware of the fact that meltdowns can and do happen, and a recent Union of Concerned Scientists report notes that there were 14 near misses in the U.S. in 2010. NRC's 1982 CRAC 2 study found that there could be 18,000 early deaths if a serious accident occurred at the ST(N)P site, followed by thousands of cancers.

Safer, cleaner alternative ways to generate the same power exist today and should be used. We should not be subjected to worrying about radioactive contamination – just to generate electricity. We should not have to worry about terrorists attacking a radioactive energy generation source, and we don't have these worries with solar, geothermal, natural

45-3 ALT

*SONSI Review Complete
Template = ADM-013*

*E-REDS = ADM-03
Call = T. Tran (THT1)*

gas or wind power. These forms of energy generation, combined with energy efficiency and ever improving methods of storage, could easily replace the electricity generated by Units 1 & 2. When these units have been down due to problems or fuel replacement, it did not cause problems with the grid or lead to blackouts. We can replace the generation of these units with safer, cleaner technologies.

**45-3 ALT
cont.**

These reactors consume vast quantities of water use, largely Colorado River water, which is increasingly needed for drinking water, livestock and farming. Drought is expected to increase in our region. We are concerned that there will not be adequate water to cool the reactors in an emergency, or that the water will not be cool enough to effectively cool the reactors. Some U.S. reactors have had to shut down due to high water temperatures, and this could scenario could worsen with climate change impacts, leaving us with a dangerous situation and a shortage of power during intense heat waves.

45-4 HYD

The main cooling reservoir is leaking out the bottom, as documented in the license application for STP 3 & 4. The reactors should not be re-licensed when this serious condition remains unresolved. How and when will this be repaired? What studies have been done by the NRC on this serious problem? How can re-licensing even be considered until this situation is corrected? Where is the water going, and how extensive is the radioactivity that may be leaking into the Gulf of Mexico and/or Colorado River?

It is time to stop generating more radioactive waste since there is no safe storage and disposal solution, even after attempts have been made for some sixty years. Re-licensing would the creation of waste. There may not be enough room for even the so-called "low-level" radioactive waste at the planned West Texas radioactive waste dump, since there is an attempt to allow Out of Compact waste and the volume and curies limits may be reached long before all STP waste could be shipped. There is still no "high-level" repository for spent fuel rods.

45-5 WST

We are concerned about increasing tritium levels in wells on site and in the Colorado River. Extensive testing should occur for all organisms in the region, and exposure of whooping cranes to tritium and other radionuclides should be examined since they are an endangered species and their winter grounds are only 35 miles from the STP site.

45-6 RAD

45-7 ECO

RULES AND DIRECTIVES
BRANCH

Gallagher, Carol

From: Alán Alán Apurim [apurim@gmail.com]
Sent: Friday, April 01, 2011 7:04 PM
To: Gallagher, Carol
Cc: HCGP Discussion
Subject: Regarding re-licensing of Nuclear Reactors of South Texas Project Units 1 & 2

APRIL 4

APR 03 AM 8:02

Dear Ms. Gallagher,

It is unfortunate that my attention to this matter was not begun sooner, (I learned of it only this evening from an e-mail sent earlier this afternoon) as I was unaware that the re-licensing process was underway, and hope that I have not missed today's deadline for commenting as a public citizen.

Regarding the proposed re-licensing (Docket ID # NRC-2010-375) of South Texas Project Units 1 & 2, I do not understand the need for going forward with this action over 16 years before their planned service period ends. At least delay this until next year, that more scientific information will be available as a result of studies of the Japan disaster, and a better true-cost evaluation can be made.

It makes much more sense to retire these plants as planned in 2027 and 2028, instead of trying to extend their use another 20 years, given the rapidly evolving technology of this decade that will likely make them obsolescent. I'm opposed to their continuation for all the usual reasons, that any kind of accident and even a Category 4 or 5 hurricane-induced storm surge could remove external supports such as cooling ponds or water access (and who knows what hammering debris-laden waves on top of the storm surge could do), plus disposal of nuclear waste — no human technology is foolproof and totally isolated for thousands of years!

For alternative energy sources, and a way to get the USA off foreign oil dependence that is costing us both in trade balance and military costs, see the downloadable document describing achievable ecological solutions for all these needs:

http://phoenixprojectfoundation.us/uploads/USA_Article_V_SHE_Document.pdf

Thank you for your hard work, and consideration of these issues. Please be sure to keep me informed as this regulatory process proceeds.

Sincerely,

GP-TX S.E.C.-member Alán Alán Apurim
 1434 Nicholson Street, Houston, TX 77008-4134
 713-868-3945 (24/7 o.k.) apurim@gmail.com

RECEIVED

1/31/2011

7/6 FR 541

46-1 OOS

23

46-2 WST

46-3 ALT

SONSI Review Complete
 Template = ADM-013

E-RIDS = ADM-03
 Call = T. Tran (TX1)

1/31/2011
76 FR 5410 (24)

PUBLIC SUBMISSION

As of: April 04, 2011
Received: April 01, 2011
Status: Pending_Post
Tracking No. 80c196da
Comments Due: April 01, 2011
Submission Type: Web

Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0012
Comment on FR Doc # 2011-01904

Submitter Information

Name: Brandi Clark Burton
Address:
4509 Sinclair Ave.
Austin, TX, 78756
Organization: Austin EcoNetwork

RECEIVED
APR 04 11 09:56 AM
RULES AND REGULATIONS

General Comment

I beseech you to not extend the life of STNP Reactors 1 & 2.
For public safety and environmental reasons, the continuation of this cannot be justified.

Aging plants that are at risk of failures or explosions should not be kept active.

As we have seen in Japan, being able to keep teh reacotrs cool is essential for public safety and the integrity of the process. We have limited access to fresh water that can be used for this facility - the priority should be for drinking water, livestocka dn farming.

I understand that the main cooling reservoir is leaking out the bottom. How and when will this be repaired?

At the most fundamental level we cannot justify generating more radioactive waste when there is no adequate solution for dealing with it.

We have safer and cleaner ways to generate the same power - THAT is where our money and attention need to be directed.

Respectfully,
Brandi Clark Burton

47-1 OOS

47-2 HYD

47-3 WST

47-4 ALT

SUNSE Review Complete
Template = ADM-013

E-RIDS = ADM-03
Cdd = T. Tran. (TXT 1)

11/31/2011
75 FR 5410

25

PUBLIC SUBMISSION

As of: April 04, 2011
Received: April 01, 2011
Status: Pending_Post
Tracking No. 80c1977b
Comments Due: April 01, 2011
Submission Type: Web

Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0013
Comment on FR Doc # 2011-01904

Submitter Information

Name: Carol Geiger
Address:
1303 San Antonio St
Austin, TX, 78701
Organization: Public Citizen

RECEIVED
APR 04 2011 9:56 AM
FEDERAL REGISTER

General Comment

The license renewal application is inadequate because it:

- Fails to adequately address the Applicant's capacity to deal with fires and explosions that cause a loss of large areas of the plant. The mitigative strategies for addressing fires and explosions are inadequate to address the consequences of events such as the impacts of large commercial aircraft crashing into the reactors or related facilities.
- Fails to describe the means that would be used to determine radiation exposures to fire and explosion responders.
- Fails to describe the means that would be used to protect fire and explosion responders from excessive radiation exposures.
- Fails to determine the projected decline in demand for electricity attributable to adoption of energy efficient building code in Texas. According to a study by the American Council for an Energy Efficient Economy, building codes that increase energy efficiency may result in an energy saving of approximately 2362 MW by 2023. Such savings would nearly offset the net electrical output of 2500 MW from STP Units 1 & 2.

48-1 SEV

48-2 EE

The applicant for license renewal is STPNOC - the South Texas Nuclear Operating Company. The Matagorda County nuclear reactors are owned by NRG South Texas LP, CPS Energy and the City of Austin (of which I am a resident). Austin gets 16% of its power from the two units.

SUNSI Review Complete
Template = ADM-013

FRS = ADM-03

Call = T. Tran (471.1)

Gallagher, Carol

From: Eric Lane [eflane@swbell.net]
Sent: Monday, April 04, 2011 1:05 PM
To: Gallagher, Carol
Subject: Docket ID # NRC-2010-375

Dear Ms. Gallagher, absolutely not. To renew STP for another 20 years is gambling with the lives of Americans. The Japanese disaster is a red alert that we cannot continue down the nuclear path. There are safer, cleaner alternatives to generate the same power that exists today and we should commit the country to use them. Every nuclear power plant is a potential disaster waiting to happen and every nuclear power plant is a long term disaster by the toxic waste they generate. Do not renew the life spans of any nuclear power plant in this country.

49-1 OOS
49-2 ALT
49-3 WST

Thank you,

Eric Lane
330 Quentin Dr.
San Antonio, TX 78201
210-732-6564
210-732-5859 Fax
eflane@swbell.net

1/31/2011
76 FR 5410

26

REMOVED

APR 04 11 PM 2:04

RULES
REGULATIONS

SUNSI Review Complete
Template = ADM-013

E-RIDS = ADM-03
Add - J. Fran (TXT 2)

1/31/2011
MFR 5410
28

RECEIVED

3691 APR -3 AM 10:39

FILES FROM ELECTRONIC
SEARCH

To whom it may concern:

This letter is in regards to the South Texas Project Units 1&2 Relicensing,
NRC-2010-0375 Docket Nos. 50-498:50-499.

Looking at recent events that we are dealing with in Japan, I see no reason to extend
the life of these reactors. The risks far out weigh the benefits. With age things tend
to break down causing accidents and fires. With other ways to produce power, that
is safer and cleaner I see no reason to put more money into this cause.

50-1 OOS

Therefore I am asking that the re-licensing of these reactors be halted immediately.

Taxpayer,

Jenna Findley

SUNSI Review Complete
Template = ADM-013

E-REDS = ADM-23
Call = J. Tran (TXT)

U.S. Nuclear Regulatory Commission
Mail Stop 011-F1, Washington D.C. 20555

Regarding: South Texas Project Units 1 & 2 Relicensing,
NRC-2010-0375 DOCKET NOS. 50-498; 50-499

Dear Sirs:

I am writing to you with concerns about the relicensing of two South Texas nuclear reactors. The relicensing of these two reactors for an additional twenty years should be halted for safety reasons. The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors. Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors. These reactors consume vast quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock, and farming. There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

Please do not re-license the two South Texas nuclear reactors.

Thank you for your time and attention,

Margaret Reed
Margaret Reed

8802 Honeysuckle Trail
Austin, TX 78759

RECEIVED

2011 APR -3 AM 10:38

RULES AND REGULATIONS
COMMUNICATIONS
DIVISION

1/31/2011
76 FR 5410
(29)

- 51-1 OOS**
- 51-2 ALT**
- 51-3 HYD**
- 51-4 WST**

SONSI Review Complete
Template = ADM-013
E-REDS = ADM-03
Child = ADM-013
T. Tran (txt1)

RECEIVED

1/31/2011 10:38

REGISTRATION

To: U.S. Nuclear Regulatory Commission

In light of the recent tragedy in Japan we are writing to plead your cooperation in halting the re-licensing of the South Texas Project nuclear reactors.

52-1 OOS

Based on what we've read these two reactors have had trouble in the past and put Texas citizens at a great risk.

NOW is the time to make a commitment to safer and renewable energy sources.

52-2 ALT

Sincerely,

1/31/2011

Scott and Cyndy Reynolds

76 FR 5410

Scott Reynolds
Cyndy Reynolds

(30)

SUNSI Review Complete
Template = ADM-013

ERDS = ADM-03
Old = T. Tran (XT2)

1/31/2011

76 FR 5410

U.S. Nuclear Regulatory Commission
Mail Stop O11-F1
Washington, D.C. 20555

March 27, 2011

Re: South Texas Project Units 1 & 2 Relicensing
NRC-2010-0375
Docket Nos. 50-498; 50-499

31

RECEIVED

211 APR -3 AM 10:38

HULES FIELD COLLECTIVES
OPERATION
RESEARCH
DESIGN

To Whom It May Concern:

- The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons, particularly in light of the recent events in Japan.
- The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.
- Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.
- These reactors consume vast quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock and farming.
- There is no adequate solution for radioactive waste so it makes no sense to continue generating more.

53-1 OOS

53-2 ALT

53-3 HYD

53-4 WST

Sincerely,

Jennifer Meador
8506 Silver Ridge Drive
Austin, TX 78759

SUNSI Review Complete
Template = ADM-013

EPDS = ADM-03
Cell = T. Fran (TXT2)

March 30, 2011

Austin City Hall
301 West 2nd Street
Austin, TX 78701-3906

Dear U.S. Nuclear Regulatory Commission:

The re-licensing of the South Texas Project Units 1&2 should be halted for the safety of Texas residents and the environment.

The reactors would affect the Austin area by consuming vast quantities of our drinking water from the Colorado River and creating even more radioactive waste. There are safer, cleaner alternative ways to generate the same power available today and these should be used instead of nuclear energy.

Also, the risk of an accident, fire, or explosions could increase with aging reactors. There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

Sincerely,

Joy Malacara
1412 Choquette Dr
Austin, TX 78757

1/31/2011
76 FR 5410
32

RECEIVED

MAR 31 11 10:38

REGISTRATION
SERVICES
DIVISION

54-1 OOS

54-2 HYD

54-3 ALT

54-4 WST

SOWSI Benefit Complete
Template = ADM-013

E-REDS = ADM-03
Call = T. Tran (TX 1)

March 30, 2011

1/31/2011
76FR5410

33

RECEIVED

2011 03 - 31 AM 10:38

RULES AND REGULATIONS
GENERAL
10/1/11

To: U.S. Nuclear Regulatory Commission

It is our request that the re-licensing of South Texas Project Reactors 1 & 2 be halted for an additional twenty years because of the following:

55-1 OOS

-the risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors;

-safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors;

55-2 ALT

-these reactors consume vast quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock and farming;

55-3 HYD

-and there is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

55-4 WST

Thank you for your consideration. Our community wants to ensure that our environment is as safe as it possibly can be.

Melanie and David Winters

SONSI Review Complete
Template = ADM-013

E-RDS = ADM-03
Add = J. Fran (TXT2)

Please write letters to the Nuclear Regulatory Commission to request that re-licensing of South Texas Project Reactors 1 & 2 be halted:

U.S. Nuclear Regulatory Commission
Mail Stop O11-F1,
Washington D.C. 20555

Suggested points to make:

*I REJECT THESE ARGUMENTS.
I SUPPORT NUCLEAR POWER.*

56-1 GEN

Include:

Regarding South Texas Project Units 1 & 2 Relicensing.
NRC-2010-0375 DOCKET NOS. 50-498: 50-499

APC/Chad
3/28/11

- The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.
- The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.
- Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.
- These reactors consume vast quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock and farming.
- There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

If you have time, please put these points in your own, respectful wording.
Please address and stamp your letters and leave outside by 8 o'clock, tonight.
To view/download a sample letter or get more involved, please visit www.TexasEnvironment.org

Jessica

To: March 30, 2011

U.S. Nuclear Regulatory Commission
Attn: Stop 011-F1
Washington, DC 20555

Re: Relicensing of South Texas
Project Units 1 & 2 -
NRC-2010-0375
Docket nos 50-498; 50-499

Due to my concerns about
radioactive waste and danger
to the environment and personal
safety, I strongly urge that
relicensing of these units
be halted.

57-1 GEN

I believe there are alternative
ways to generate power and
support a move to implement
these.
Christine Fay

57-2 ALT

3-30-2011

To: Adam Case

In view of current events.
"Black cat" tragedy in Japan
I think the South Sea
Project Units 1+2 should be
rebuilt, replace before
retrofitting.

58-1 OOS

Lore A. Slutz
1708 Morrow St
Austin, Tex 78757-1807

March 28, 2011

U.S. Nuclear Regulatory Commission
Mail Stop D11-F11
Washington DC 20555

Regarding South Texas Project Units 1+2
Re-licensing
NCR-2010-0375 DOCKET NOS. 50-498; 50-499

I believe the re-licensing of these two reactors should be halted for safety reasons. There are safer, cleaner alternative ways to generate power! Leave the Colorado River for other purposes - drinking, livestock and farming. Until there is an adequate solution for radioactive waste, we should not continue to generate more.

59-1 GEN

59-2 ALT

59-3 HYD

59-4 WST

Sincerely,
Carolyn Campbell
Austin TX

To whom it may concern at the Nuclear Regulatory Commission; March 30, 2011

This letter is regarding the South TX Projects units 1 & 2 Relicensing [NRC-2010-0375 Docket Nos. 50-498; 50-499 respectively]. Please do not re-licence these reactors for an additional 20 years. If the crisis in Japan or last year's Gulf Oil spill has taught our nation anything it is that we will be defeated by nature if we continue our careless energy practices.

60-1 OOS

Please help protect Americans, Texans, all human beings that come into contact with the Texas Colorado River from having it depleted by renewing these reactors licenses to continue consuming vast quantities. Protect the waterways from being poisoned in the event of an emergency at nuclear plants.

60-2 HYD

Texas is ready for a new way to power our lives, give Texas a chance for a cleaner, safer form of energy, by not Relicensing these reactors.

60-3 ALT

Thank you for your time.

Sincerely,
Bryan Dunlap ; Todd Rinehart
Bryan Dunlap ; Todd Rinehart

← two Americans concerned about the environment with voter registration with cards. Home of the flag is land of the brave.

Peggy Cravens
2704 Pinewood Terrace
Austin, Texas, 78757
March 30, 2011

U.S. Nuclear Regulatory Commission
Mail Stop 011-F1
Washington, D.C. 20555

Regarding South Texas Project Units 1&2 Relicensing,
NRC-2010-0375 Docket Nos. SA 498; SA 499

The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

61-1 GEN

There are safer, cleaner alternative ways to generate the same power that exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old reactors.

61-2 ALT

61-3 EE

There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

61-4 WST

Sincerely,
Peggy Cravens

To: U.S. Nuclear Regulatory Commission
 Mail Stop 011-F1
 Washington D.C. 20555

Regarding South Texas Project Units 1+2 Relicensing,
 NRC-2010-0375 DOCKET NOS. 50-498; 50-499

- The relicensing of these two reactors for an additional twenty years should be halted for safety reasons. **62-1 OOS**
- The risk of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors. **62-2 ALT**
- Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors. **62-3 EE**
- These reactors consume large quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock, and farming. **62-4 HYD**
- There is no adequate solution for radioactive waste, so it makes no sense to continue generating more. **62-5 WST**

Sincerely,
 Shannon Jurak
 5701 Marilyn Drive
 Austin, Texas 78757

Regarding S. Texas Project with the Release,
NRC-2010-0775 Docket NOS 50-498
50495

Please: The Re-licensing of
these two reactors should be
HALTED for safety reasons

please see: JAPAN

- The risks of fires + explosions
is huge

63-1 OOS

- Too much water is used
to cool the reactors!

63-2 HYD

- Too much water is used
it's dangerous

- What about the waste??

63-3 WST

Radioactive waste is terrible
to contend with

Thank you for reading!
Thomas Nelson

Regarding S. Texas Project Unit 1+2 Relicensing.
NRC - 2010 0375 Docket NOS 50-498/50-499

Please! The Relicensing of these two
Reactors should be

64-1 OOS

The risks of fires + explosions
is too great!

Too much water is wasted!

Way too much H₂O daily to cool it!

64-2 WST

These damn dangerous Radiation Waste!
is not safe. What are you
going to do w/ the Radioactive Waste?

Then goes the drinking water - All gone
& toxic! Great.

64-3 HYD

Please do not relicense these two
Nuclear Reactors.
Thomas Nehms

Gallagher, Carol

From: pryors02@suddenlink.net
Sent: Thursday, March 31, 2011 2:47 AM
To: Gallagher, Carol
Subject: power plants

dear ms gallagher please do not fund south texas power plants. Please delay all nuclear funding or rebewing power plants. JAPAN HAS BEEN A WAKE UP CALL TO STOP NUCLEAR AND FIND BETTER SOLUTIONS DONT WAIT TOO LATE TO END THIS DEVASTATION TO OUR EARTH AND PLANET . SHOW US THE NRC REALLY CARES FOR OUR PLANET AND ITS PEOPLE. SAY NO TO SOUTH TEXAS POWER PLANT. PEGGY PRYOR

65-1 OOS

1420 NW 12TH
ANDREWS TEXAS 79714
432-523-4550

1/31/2011
76FR5410
5

RECEIVED

MAR 31 AM 11:04

RULES AND REGULATIONS
GENERAL

SUNSE Review Complete
Template = ADM-013

E-ADS = ADM-013
Call = T. Fran (TXL)

THE SPANISH NUCLEAR DIS-
ASTER IS EVIDENCE THAT "SAFE"
POWER IS NOT AVAILABLE IN
SUCH POWER PLANTS.

WE CANNOT CONTINUE TO
DEPEND ON (LIMITED) WATER
RESOURCES TO SUPPLY NUCLEAR
POWER RESOURCES.

WE ARE FACING AN
ANTICIPATED DEMAND OVER AT
THIS RATE IN LATE 1980'S.

RENEWABLE ENERGY SOURCES
SUCH AS WIND & SOLAR ENERGY

NEEDS FOR INCREASE OF NUCLEAR
SOURCE TAGUES / IN TERMS OF RESEARCH
POWERED WATER IS A SUGGESTION.

66-1 OOS

4/1/11

U.S. Nuclear Reg. Commission,

Please make sure all safety standards are followed in regards to the Regarding South Texas Project Units 1 & 2 NRC 2010-0375 Docket Nos. 50-498; 50-499 ^{Relicensing}.

* Halt for safety reasons.

Ageing reactors must be held to higher safety standards before a tragedy occurs.

* We count on you to watch out for our best interest so please make sure the correct action is taken. Stop the reactors and help ensure we are all safe.

* The vast amount of water taken up by these reactors is very much needed for other purposes.
Thank you for your time. Sincerely, Maria Hoban

67-1 OOS

67-2 HYD



RULES AND DIRECTIVES
BRANCH
LE 100

RANDY WEBER
TEXAS HOUSE OF REPRESENTATIVES

FEB 15 AM 8:50

February 28, 2011

RECEIVED

Cindy Bladey
Chief, Rules, Announcements, and Directive Branch (RADB)
Division of Administrative Services
Office of Administration
TWB-05-B01M
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

1/31/2011
76 FR 5410
46

Dear Ms. Bladey:

I am writing to strongly support the license renewal for an additional 20 years of Units 1 and 2 at the South Texas Project Nuclear Operating Company in Matagorda County.

STP is the largest employer in Matagorda County with more than 1200 employees and for 30 years has been a key part of the County and local communities. The company's employees are active in the local community serving on school boards, chambers and in civic and service organizations.

For over 20 years STP's existing units have supplied safe, clean and reliable energy to more than two million Texas homes while also providing permanent, well paying jobs. The facility is a recognized industry leader in production, reliability and safety as well as being focused and committed to the safety of its employees and the surrounding communities.

Captured
in public
meeting
transcript

I believe nuclear energy plays an important role in the long-term energy future of Texas. There is a growing recognition of nuclear energy's environmental benefits and its role in providing much needed generating capacity in our state for many years to come.

I strongly support the license renewal for Units 1 and 2 at STP and urge the Nuclear Regulatory Commission's favorable consideration.

Please know that I and my staff stand ready to assist in any way possible.

Sincerely,

State Representative Randy Weber
District 29

SUNSI Review Complete

F-RIDS = ADM-03

CAPITOL OFFICE: P.O. Box 2910 • AUSTIN, TX 78768-2910 • TEL: 512-463-0707 • FAX: 512-463-8717
DISTRICT OFFICE: 2225 CR 90, Ste 107 • PEARLAND, TX 77584 • TEL: 281-485-0616 • FAX: 281-485-1106
EMAIL: DISTRICT29.WEBER@HOUSE.STATE.TX.US

Template = ADM-013

Call =
T. Tran (4x1)

Beth Ann Larsen
8843 Honeysuckle Trail
Austin, Texas 78759

March 28, 2011

To Whom It May Concern:

RE: South Texas Project Units 1 & 2 Relicensing

1/31/2011
76 FR 5410
48

The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons. The risks of an accident, fires or explosions at one or more reactors at the site could increase with aging reactors.

88-1 OOS

I ask for your very careful analysis of this situation and protect the citizens of Texas.

Thank you for your attention to this matter.

Sincerely,



Beth Ann Larsen

REMOVED

MAR 28 AM 9:41

FILED IN 88-1 OOS

SUNSI Review Complete
Template = ADM-013

LEADS = ADM-03
Add = T. Tran (TXT1)

1/31/2011

76 FR 5410

49

Dzan Nguyen
8408 Silver Ridge Drive
Austin, Texas

RECEIVED

MAR 28 AM 9:41

FILES MAIL ROOMS

March 28, 2011

U.S. Nuclear Regulatory Commission
Mail Stop 011-F1
Washington D.C. 20555

Re: South Texas Project Units 1 & 2 Relicensing, NRC-2010-0375 DOCKET NOS. 50-498; 50-499

To Whom It May Concern:

The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

69-1 OOS

The risks of an accident, fires, or explosions at one or more reactors at the site could increase the aging reactors.

Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.

69-2 ALT

69-3 EE

There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

69-4 WST

Sincerely,



Dzan Nguyen

CONSI Review Complete
Template = ADH-013

E-FILES = ADH-03
Add = T.Phan (TXT2)

USNRC
Mail Stop 011-F1
Washington, DC 20555

1/31/2011

76FR 5410

John Trimble
6120 Rickey
Austin TX 78757

(50)

Re: Re-licensing STNP Units 1 & 2
NRC -2010-0375
Docket #s 50-498; 50-499

RECEIVED

FEB 26 AM 9 41

REGISTRATION
DIVISION

These should not be approved due to their age and design.

There is no adequate storage that will not affect our water supply.

Just like Japan, it cannot happen here – until it does.

70-1 OOS

SUNSI Review Complete
Template = ADM-013

E-RIDS = ADM-03
Add = T. Tran (TAT2)

U.S. Nuclear Regulatory Commission
Mail Stop Oll-F1, 1/31/2011
Washington D.C. 20555 76 FR 5410

Dear Nuclear Regulatory Commission,

(51)

I and my family are urging you to stop the relicensing of south Texas project reactors 1 & 2. Safety reasons are our main concern. With age the risk of accident, fire, or explosion increases. In addition Nuclear reactors use large quantities of water, water that could be used for drinking, livestock and farming. There is no solution for the disposal of radioactive waste, so it makes no sense to continue generating more.

71-1 OOS

71-2 HYD

71-3 WST

Thank You for your time & consideration

Sincerely

The Aguilar Family

RECEIVED
JAN 26 AM 9:42
NRC

SUNSI Review Complete
Memphis = ADM-013

E-RFDS = ADM-013
Cell - P. Fran (TXT 2)

U.S. Nuclear Regulatory Commission
Mail Stop O11-F1
Washington D.C. 20555

1/31/2011

Dear Nuclear Regulatory Commission,

76FR 5710

I and my family are urging you to stop the re-licensing of south Texas project reactors 2 and 2. Safety reviews are the most concerning. The risk of an accident, fire, or explosion increases with the age of the reactors. There are safer, cleaner alternative ways to generate the same power that produce less harmful wastes. Nuclear power should be as clean as possible, but we cannot advance this with by using aged reactors.

52

72-1 00S

Thank you for your time and consideration,

Sincerely,

The Aguilar family

Juan Aguilar

RECEIVED

1-31-11 9:42

REGISTRATION SERVICES

NUREG Review Complete

E-REDS = ADM-03

Template = ADM-013

Cell = TT-Tran (TXT1)

DOUGLAS McARTHUR

2707 Cascade Drive, Austin Texas 78757-2111
Home: (512) 452-2608
Cell: (512) 971-0566
or dmcArthur1@gmail.com

1/31/2011

76 FR 5410

53

March 30, 2011

U.S. Nuclear Regulatory Commission
Mail Stop O11-F1
Washington D.C. 20555

RECEIVED

MAR 26 AM 9:42

RULES OF PRACTICES
FOR THE
COMMISSION

Re: South Texas Project Units 1 & 2 Re-licensing
NRC-2010-0375 DOCKET NOS 50-498: 50-499

Dear Madam/Sir:

I have serious concerns regarding the re-licensing of the above-referenced units of the South Texas Project. While these concerns deal mainly with operational and waste-related safety, I am, in addition, opposed to Texas increasing reliance on nuclear power generation due to high and uncertain cost.

73-1 OOS

Rather than pushing for more water-consuming nuclear power plants, Texas needs to focus more on the development of renewable energy sources such as wind and solar.

While many promises are made as to the safety of nuclear power, recent history demands we not place too much reliance on them. Some things do not readily lend themselves to engineering solutions. I believe nuclear power is one of those things, and thus am opposed to the requested re-licensing.

73-2 ALT

Sincerely,

Douglas M. Arthur

Douglas S. McArthur

*SONSI Review Complete
Template = ADM-013*

*FRIDS = ADM-03
Add = P. Iron (XT2)*

1/31/2011
76FR 5410

54

Dear U.S. Nuclear Regulatory Commission,

I have recently become the father of a wonderful baby boy. It is my duty to give him the best and safest possible future. I am writing regarding South Texas Project Units 1 & 2 Relicensing, NRC-2010-0375 Docket NOS 50-498; 50-499. To ensure the safety of my family and other Texas families I believe the re-licensing of these two reactors for an additional twenty years should be halted for safety reasons. There are safer and cleaner alternatives than outdated reactors. These alternatives (solar, wind, etc...) should be strongly considered. All I can really ask is that Texas's best interests into consideration. Thank you for your time and have a great day

74-1 ALT

- Shawn Tracy

RECEIVED

11 03 26 AM 9 412

RECEIVED

SUNSP Review Complete
Template = ADM-013

E-REDS-ADM-03
Cell = T. Tran (HXT1)

1/31/2011

March 28, 2011

U.S. Nuclear Regulatory Commission
Mail Stop O11-F1
Washington, DC 20555

76 FR 5410
35

RECEIVED

MAR 26 AM 9:43

FILES / REGULATORY SERVICES

Re: South Texas Project Units 1 & 2 Relicensing, NRC-2010-0375
DOCKET NOS. 50-498; 50-499

To Whom It May Concern:

-The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

75-1 OOS

-The risks of an accident, fires, or explosions at one or more reactors at the site could increase with aging reactors.

-These reactors consume vast quantities of water use, largely from the Colorado River, water that is needed for drinking water, livestock and farming.

75-2 HYD

-There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

75-3 WST

Sincerely,
Kelly Simon
Kelly Simon
9100 Wildridge #101
Austin, TX 78759

SUNSI Review Complete
Template = ADM-013

E-REDS = ADM-03
Call = J. Tran (HT2)

U.S. Nuclear Regulatory Commission
Mail Stop 011-F1
Washington D.C. 20535

The relicensing of these two reactors for an additional twenty years should be halted for safety reasons

76-1 005

~~James Alvest~~

1/31/2011
76 FR 5410

56

RECEIVED

FEB 06 2011 9:43

FULL SERVICE

SUNSE Review Complete
Template = ADM-013

E-RIDS = ADM-03

ADM =

T. Tran (TAT 2)

U.S. REGULATORY COMMISSION
MAIL STOP 011 FL
WASHINGTON D.C 20555

1/31/2011
74 FR 5410

57

PREVIOUS EDITION

APR 26 AM 9:43

RULES FOR REVISIONS

DEAR SIR,

I AM WRITING IN REGUARD TO THE SOUTH TEXAS PROJECT UNITS 1 AND 2 RELICENSING,
NRC-2010-0375 DOCKET NOS. 50-498; 50-499

SINCE WE ARE NOT IN THE KNOW ABOUT THE CONDITIONS AND SAFETY OF THESE REACTORS I AM ASKING TO NOT RE-LICENSING AT THIS TIME.

77-1 OOS

THERE ARE SAFER AND CLEANER WAYS TO GENERATE POWER TODAY THAT WE NEED TO SUPPOT AND USE. RENEWABLE ENERGY SOURCES ARE EVERYWHERE IN TEXAS AND COULD REPLACE MORE DANGEROUSE SOURCES IF FUNDED AND SUPPORTED. ANOTHER FACTOR TO THINK ABOUT I THE HUGE AMOUNT OF WATER USED IN THE REACTORS. THE WATER FROM THE COLORADO RIVER IS NEEDED TO FARMING, CATTLE AND FAMILIES. ARE WE NOT JUST CREATING ANOTHER PROBLEM BY USING ENERGY SOURCES THAT USE SO MUCH WATER?

77-2 ALT

RADIOACTIVE WASTE IS AND WILL CONTINUE TO BE A BIG PROBLEM SO WHY WOULD WE GO IN THAT DIRECTION. LEADERSHIP AND CREATING THINKING IS NEEDED AT THIS MOMENT IN HISTORY. PLEASE BE PART OF SOLVING PROBLEMS AND NOT ADDING NEW PROBLEMS.

77-3 WST

MRS. JUDY MOORE

SUNSI Review Complete
Template = ADM-013

E-REDS = ADM-03
Cadd = N-Tran (TXT1)

March 28, 2011.

1/31/2011
75FK 5410
58

To whom it may concern:

I would like to see a halt to the relicensing of existing Old South Texas Project Nuclear reactors.

78-1 OOS

Thank you.

Signed  Cynthia Gebhardt

RECEIVED

MAR 28 2011 9:43 AM

NUCLEAR REGULATORY COMMISSION

SUNSI Review Complete
Template = ADM-013

FRIDS = ADM-03
Ced = T. Tran (TXT1)

1/31/2011
76FR 5410

59

Rory Holcomb
8408 Silver Ridge Drive
Austin, Texas

RECEIVED

MAR 28 2011 9:43

REGISTRATION SERVICES

March 28, 2011

U.S. Nuclear Regulatory Commission
Mail Stop 011-F1
Washington D.C. 20555

Re: South Texas Project Units 1 & 2 Relicensing, NRC-2010-0375 DOCKET NOS. 50-498; 50-499

To Whom It May Concern:

The re-licensing of these two reactors for an additional twenty years should be halted for safety reasons.

79-1 OOS

The risks of an accident, fires, or explosions at one or more reactors at the site could increase the aging reactors.

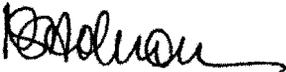
Safer, cleaner alternative ways to generate the same power exist today and should be used. Studies have found that energy efficiency and renewable energy sources, which are abundant in Texas, could replace the power generated by these two old nuclear reactors.

79-2 ALT

There is no adequate solution for radioactive waste, so it makes no sense to continue generating more.

79-3 WST

Sincerely,



Rory Holcomb

SUNSI Review Complete
Template = ADM-013

FRIDS = ADM-03
(add = TXJA)

3-30-11

Dear Nuclear Regulatory Commission:

I am writing in regards to the
South Texas Project Units 1 & 2
Relicensing, NRC-2010-0375
Docket Nos. 50-498; 50-499

My family and I feel that the
re-licensing of these two reactors
for an additional twenty years should
be halted for safety reasons. The
risks of accident fire, or explosions
at one or more reactors at the site
could increase with aging reactors.
Safer, cleaner alternative ways to
generate the same power exist today,
and should be used. Studies have found
that energy efficient, renewable
resources, which are abundant in
Texas, could replace the power
generated by these two old nuclear
reactors. These reactors consume vast
quantities of water, largely
from the Colorado River, water that is
needed for drinking water, livestock,
& farming. There is no adequate
provision for radioactive waste, so
it makes no sense to continue
generating more. Please take
these thoughts into consideration
before pursuing re-licensing.

Regards,
Erica Bender

80-1-00S

80-2 ALT

80-3 EE

80-4 HYD

80-5 WST

D. Consultation correspondences

TABLE 2: Consultation Correspondences

Affiliation (If Stated)	Source	ADAMS Accession Number
Tonkawa Tribe of Oklahoma	Internet	ML110490057
NMFS/NOAA	E-mail	ML110690848
Apalachicola Creek Indians	Letter	ML110750424
National Park Service	E-mail	ML110910179
Kickapoo Traditional Tribe of Texas	Letter	ML110980503
Tap Pilam Coahuiltecan Nation	E-mail	ML11111A134
Texas Parks and Wildlife	Letter	ML11119A009

These consultations are addressed in Appendix D of the SEIS.

Consultation Letters, E-mails, and Internet Submittals

14723410

PUBLIC SUBMISSION

As of: February 16, 2011
Received: February 15, 2011
Status: Pending_Post
Tracking No. 80befbe9
Comments Due: April 01, 2011
Submission Type: Web

Docket: NRC-2010-0375
Notice of Receipt and Availability of Application for Renewal of Facility Operating License

Comment On: NRC-2010-0375-0003
STP Nuclear Operating Company; Notice of Intent to Prepare an Environmental Impact Statement and Conduct the Scoping Process for South Texas Project, Units 1 and 2

Document: NRC-2010-0375-DRAFT-0001
Comment on FR Doc # 2011-01904

Submitter Information

Name: Miranda Allen
Address:
1 Rush Buffalo Road
Tonkawa, OK, 74653
Organization: Tonkawa Tribe of Oklahoma
Government Agency Type: Tribal
Government Agency: Tonkawa Tribe of Oklahoma

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FEB 16 2011

FILES FOR REVIEW

General Comment

Date: February 15, 2011

Regarding the request for comments concerning the South Texas Project, Units 1 and 2, license renewal application review.

The Tonkawa Tribe has no specifically designated historical or cultural sites identified in the above listed project area. However if any human remains, funerary objects, or other evidence of historical or cultural significance is inadvertently discovered then the Tonkawa Tribe would certainly be interested in proper disposition thereof. We appreciate notification by your office of the many projects on-going, and as always the Tonkawa Tribe is willing to work with your representatives in any manner to uphold the provisions of NAGPRA to the extent of our capability.

Respectfully,

*NSI Review Complete
D.D. - ADM-013*

*FRFDS = ADM-03
Call = T. Tran (TXT1)*

NRR-PMDAPEm Resource

From: Teletha Mincey [Teletha.Mincey@noaa.gov]
Sent: Thursday, March 03, 2011 1:29 PM
To: Tran, Tam
Subject: South Texas Project <a e>
Attachments: Texas.pdf

Hello:

In response to NRC's letter dated February 16, 2011, attached is a listing of species under the National Marine Fisheries Service's jurisdiction. Also, please checkout the website below for further information. Thank you.

<http://sero.nmfs.noaa.gov/pr/pr.htm>

--
Teletha Mincey
Program Analyst
NOAA Fisheries
Southeast Region
263 13th Ave S
St. Petersburg, FL 33701-5505
(727) 551-5772 - Direct Line
(727) 824-5309 - Fax



01/31/2011
TWB-541D
3

RULES, REGULATIONS AND DIRECTIVES

FEB 15 11 7:45

APALACHICOLA CREEK INDIANS
113 N FIRST STREET, MABANK, TX 75147

903-880-0240 Email Sixwomen@apalachicolacreek.com

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Chief, Rules, Announcements, and Directives Branch
Division of Administrative Services
Mail Stop TWB-05-B01M
US Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Monday, March 7, 2011

Subject: Apalachicola Council Comments On South Texas Project, Units 1 and 2, License Renewal Application

Dear Branch Chief,

Thank you this opportunity to review and comment letter dated February 17, 2011. The Apalachicola Elder Council find this an important task as we have suffered historic and cultural losses despite existing promises under Environmental Policy Law. Therefore, we preface our comments with the following preamble:

Whereas the Apalachicola Town known as Red Ground Town, Econchatta Micco the Chief, was destroyed by the U.S. Army Corps of Engineers to build the Jim Woodruff Dam in 1957 located at the confluence of the Flint, Chattahoochee and Apalachicola Rivers in Alabama, Georgia and Florida, and

Whereas, the Apalachicola Indian Cemetery, previously located on Indian Hill near the City of Livingston in Polk County, Texas, was excavated by approval of the Trinity River Authority in 1969 sending the remains of our Apalachicola ancestors and Hereditary Chief John Blount to the bottom of the Trinity River thence to the Gulf of Mexico and without protection and guarantees of the Environmental Protection Act, and

Whereas the Apalachicola Creek Indians have been in Texas since 1834 and have suffered cultural and historic losses in modern times despite legislative protections, we admit our comments today are sincere but tempered by painful experience. None the less, we cling to the hope that the Nuclear Regulation Agency will do no further harm to any Texas Residents, to the general environment we call home or to the historical and cultural sites not previously or thoroughly examined by non Native Anthropologists and literary scholars.

Rev. ...

E-REDS=ADM-03

Gallagher, Carol

From: Julie_Sharpe@nps.gov
Sent: Tuesday, March 29, 2011 12:02 PM
To: Gallagher, Carol
Cc: WASO_EQD_ExtRev@nps.gov; lisa_treche@ios.doi.gov
Subject: ER-11/0091 - STP Nuclear Operating Co, South TX Project, Units 1 & 2 - NO COMMENTS

The National Park Service has reviewed the STP Nuclear Operating Company Project in South Texas, and has determined that no park units will be affected; therefore we have no comments.

Thank you!
Julie

Julie Sharp
Environmental Protection Assistant
National Park Service - Intermountain Regional Office Denver, CO ph 303.987.6705

1/31/2011
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MAR 29 11 12 28

ADMS

Review Complete
ADM-013

ER-11-0091-ADM-03
Call = T. Tran (XT2)

**TRADITIONAL
COUNCIL**

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Juan Garza, Jr., Kisitika

SECRETARY
Jesus Anico, Chahodata

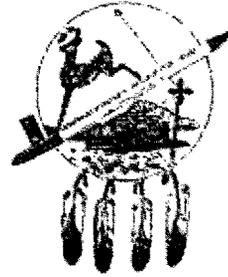
TREASURER
Rogelio Elizondo, Apichicuca

MEMBERS
David J. Gonzalez, Kikakideah
Nanate Hernandez, Nanate

KICKAPOO

**TRADITIONAL
TRIBE OF TEXAS**

HCR 1 Box 9708
Eagle Pass, Texas 78852



Traditional Council

1/31/2011
76 FR 5410
27

April 1, 2011

Chief, Rules, Announcements, and Directives Branch,
Division of Administrative Services,
Mail Stop TWB-05-B01M,
US Nuclear Regulatory Commission,
Washington, DC 20555-0001

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APR 08 -7 AM 11:22

**Re: REQUEST FOR COMMENTS CONCERNING THE SOUTH TEXAS
PROJECT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION REVIEW**

Dear Sir(s):

Thank you for your letter dated on February 23, 2011, regarding your request for comments concerning the South Texas Project, Units 1 and 2, License Application Review.

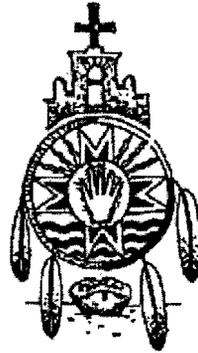
Thank you for advising us about the proposed action. The Kickapoo Nation values its traditions and customs so we appreciate your taking the time to ask for our input in this matter. By keeping the lines of communication open we can peacefully co-exist yet attend to our respective businesses.

We do not have any comments or questions regarding said project, as we are unaware of any tribal sites in this area, therefore it does not affect our interests in any way. Furthermore, the Kickapoo Traditional Tribe of Texas wishes you success in your endeavor.

Should you have any further questions please do not hesitate to contact us.

Juan Garza, Jr., Chairman

E-RDS = ADM-03



**Tap Pilam
Coahuiltecan Nation
1313 Guadalupe Street
San Antonio, Texas 78207**

April 1, 2011

Chief, Rules, Announcements, and Directive Branch
Division of Administrative Services
Mail Stop TWB-05-B01M
United States Nuclear Regulatory Commission
Washington, D.C. 20555-0001

Tap Pilam Coahuiltecan
Tribal Council

Tribes

Pa-nam-a Payaya
Raymond Hernandez
coahtexo@bete.net

Pompopa
Mickey Killian
pakawan@satsx.tx.com

Venados
Teodoso Herrera
VENADOS@aol.com

Auteca Paguame
Ramon Vasquez y Sanchez
xagukai@txdirect.net

Pampopa
Casanova

Re: Docket ID NRC-2010-0305

To whom it may concern:

The Tap Pilam Coahuiltecan Nation is grateful for the opportunity to provide comments concerning the South Texas Project (STP), Units 1 and 2, license renewal application review.

We are concerned with the renewal of this license because of the project's location and proximity to historical French and Spanish colonial settlements. Our ancestral relatives were brought into these settlements, and we their descendants continue to have deep cultural roots and ties to the land.

More specifically, we are concerned that archeological data of a third site, as mentioned in Attachment D of the Applicant's Environmental Report (September 2010) is missing from the records. Before any consideration is given to the renewal of this license, we recommend that a new archeological investigation to this third site be conducted.

In a global context, a nuclear disaster similar to the one occurring in Japan would make our deep cultural roots and ties to the land inaccessible for an undetermined length of time. We want to be assured that adequate safeguards are in place in order to prevent a repeat of the tragedy in Japan. For example, in Japan there were no alternate sources of power to run the water pumps that would cool off the reactors which caused radiation to leak and contaminate the surrounding areas for miles. This would be disastrous not only to our cultural heritage, but to all the people of South Texas.

It is our intention to continue researching how our Nation's families and culture will be impacted by the renewal of the license. In conjunction with upcoming public meetings and publication, we intend to continue providing input and comments.

Re: Docket ID NRC-2010-0305

Page 2

Once again we are grateful for your thoughtfulness of our cultural roots and ties to the land, including the abovementioned comments, before approving a license renewal to the STP Units 1 and 2.

Respectfully submitted,
Raymond Hernandez
Cultural Preservation Officer
Tap Pilam-Coahuiltecan Nation
American Indians in Texas
1313 Guadalupe Street, Suite 104
San Antonio, Texas 78207



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San Antonio

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Mark E. Shivers
Amarillo

Ralph H. Duggins
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Antonio Falcon, M.D.
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Karen J. Nixon
San Antonio

Dan Allen Hughes, Jr.
Beaville

Margaret Martin
Boerne

S. Reed Morlan
Houston

Lee M. Bess
Chairman-Emeritus
Fort Worth

Carter P. Smith
Executive Director

April 20, 2011

Bo M. Pham
Branch Chief
Projects Branch 1
Division of License Renewal
US Nuclear Regulatory Commission
Washington, D.C. 20555-0001

RE: Proposed license renewal of the South Texas Project Units 1 & 2, Matagorda County, Texas.

Dear Mr. Pham:

The Texas Parks and Wildlife Department (TPWD) has received your request for information regarding potential impacts to threatened and endangered species and for information on other issues of concern relating to the project referenced above. Under section 12.0011 of the Texas Parks and Wildlife Code, TPWD is charged with "providing recommendations that will protect fish and wildlife resources to local, state, and federal agencies that approve, permit, license, or construct developmental projects" and "providing information on fish and wildlife resources to any local, state, and federal agencies or private organizations that make decisions affecting those resources."

The U.S. Nuclear Regulatory Commission (NRC) is reviewing an application submitted by the South Texas Project Nuclear Operating Company (STPNOC) for the renewal of the operating license for the South Texas Project (STP), Units 1 and 2. STP is located in Matagorda County, approximately 70 miles south-southwest of Houston.

For the purpose of license renewal, STPNOC stated that STP, Units 1 and 2, operating under renewed licenses, would use existing plant facilities and transmission lines and that no new construction or changes in operation are proposed. In addition, the license renewal application preparation did not identify the need to undertake any major refurbishment or replacement actions to maintain the functionality of the STP systems, structures, and components during the period of extended operation.

Based upon the project description, TPWD does not anticipate significant adverse impacts to rare, threatened or endangered species, or other fish and wildlife resources. However, if the project scope changes and new construction becomes proposed as part of the license renewal process, TPWD requests the opportunity to provide additional comments.

TPWD County Lists

To aid in the preparation of the Supplemental Environmental Impact Statement for the proposed relicensing project, TPWD recommends the use of the county list for rare species in Matagorda County. The TPWD county lists for rare species may be obtained from the following link: <http://gis.tpwd.state.tx.us/TpwEndangeredSpecies/DesktopDefault.aspx>. These lists provide information regarding rare species that have potential to occur within each county.

4200 SMITH SCHOOL ROAD
AUSTIN, TEXAS 78764-3299
512.388.4600

www.tpwd.state.tx.us

To manage and conserve the natural and cultural resources of Texas and to provide hunting, fishing and outdoor recreation opportunities for the use and enjoyment of present and future generations.

UNSI Review Complete
To: ADM-013

E-RIDS = ADM-0
Call - P. Pham (TXT)

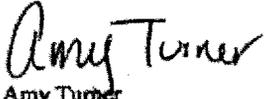
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APR 27 AM 11:15

Mr. Bo M. Pham
April 20, 2011
Page 2 of 2

TPWD appreciates the opportunity to work with the Nuclear Regulatory Commission to ensure these projects are developed in the most environmentally sensitive manner as is possible. If you have any questions regarding our comments, please contact Amy Turner at (361) 576-0022.

Sincerely,

Handwritten signature of Amy Turner in cursive script.

Amy Turner
Wildlife Habitat Assessment Program
Wildlife Division

/sjt:15906

D. W. Rencurrel

- 2 -

The draft supplement to the GEIS is scheduled to be issued in November 2012. A notice of the availability of the draft document and the procedures for providing comments will be published in the *Federal Register*. If you have any questions concerning the staff's environmental review of this license renewal application, please contact Mr. Tam Tran, Project Manager, at 301-415-3617 or by e-mail at Tam.Tran@nrc.gov.

Sincerely,

/RA/

David J. Wrona, Chief
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-498 and 50-499

Enclosure:
As stated

cc w/encl: Listserv

DISTRIBUTION:
See next page

ADAMS Accession No.: ML12086A085 (PKG) ML11153A082 (LTR)
ML12086A081(Scoping Summary Report)

*concurrence via email

OFFICE	LA:DLR	PM:DLR/RPB1	(A)BC:DLR/RERB	OGC (NLO)
NAME	IKing	TTran	JSusco	LSubin
DATE	03/26 /2012	03/26/2012	04/10/2012	04/3/2012
OFFICE	BC:DLR/RPB2	(A)D:DLR	BC:DLR/RPB2	
NAME	DWrona	MGalloway	DWrona	
DATE	10/24/2012	11/14/2012	11/14/2012	

OFFICIAL RECORD COPY

Letter to D. W. Rencurrel from D. Wrona dated November 14, 2012

**SUBJECT: ISSUANCE OF ENVIRONMENTAL SCOPING SUMMARY REPORT
ASSOCIATED WITH THE STAFF'S REVIEW OF THE APPLICATION BY STP
NUCLEAR OPERATING COMPANY FOR RENEWAL OF THE OPERATING
LICENSE FOR SOUTH TEXAS PROJECT, UNITS 1 AND 2 (TAC NO. ME4938)**

DISTRIBUTION:

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GPick, RIV

JDixon, RIV

VDricks, RIV

WMaier, RIV

RCaniano, RIV

