# **Official Transcript of Proceedings**

# NUCLEAR REGULATORY COMMISSION

Title: South Texas Project License Renewal Public Meeting: Evening Session

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Bay City, Texas

Date: Tuesday, January 15, 2013

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2	NUCLEAR REGULATORY COMMISSION	
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4	PRELIMINARY SITE-SPECIFIC RESULTS	
5	OF THE ENVIRONMENTAL REVIEW FOR	
6	SOUTH TEXAS PROJECT LICENSE RENEWAL	
7	+ + + + +	
8	PUBLIC MEETING	
9	EVENING SESSION	
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11	Tuesday, January 15, 2013	
12	201 7th Street	
13	Bay City, Texas	
14	7:00 p.m.	
15		
16	ON BEHALF OF THE NRC:	
17	BOB HAGAR, Facilitator	
18		
19	OTHER NRC STAFF:	
20	SUSAN SALTER	
21	TAM TRAN	
22	BINESH THARAKAN	
23	DAVE WRONA	
24	EMILY LARSON	
25	LARA USILING	
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1	<u>P R O C E E D I N G S</u>
2	(7:02 p.m.)
3	MR. HAGAR: Well, good evening to
4	everybody, and thanks for coming to this meeting. My
5	name is Bob Hagar, and with Susan Salter we're going
6	to facilitate this meeting, and the whole purpose of
7	our being here is to help the meeting run smoothly, and
8	we're going make sure that everyone that wants to say
9	something has an opportunity to say something.
10	Before we get started, I want to remind
11	everybody that this meeting is being transcribed. We've
12	got a court reporter over here, and we want everything
13	that's said in the meeting to be on the transcript, so
14	please be sure when you have if you have something
15	to say, to speak into a microphone and speak very clearly.
16	And the first time you speak, be sure and
17	say your name and what organization you're with so we
18	can get that in the transcript properly.
19	I remind everybody the restrooms are just
20	outside this hall this door, down the hall. The
21	ladies' restroom is first hallway to the left, and the
22	men's restroom is down at the end of the hall to the
23	right. And exits are right here (indicating) and then
24	out in the hall to the left and to the right.
25	In addition, everybody, if you would please
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turn off your electrical devices; at least turn them on silent mode so that the meeting is not disrupted, and if you get a call during the meeting, if you would please step out in the hall so you don't disturb anybody else in the meeting.

Now, the purpose of tonight's meeting is to present the findings and collect public comments on the Draft Environmental Impact Statement for the proposed renewal of the South Texas Project nuclear power plant's operating licenses for an additional 20 years.

During this meeting you may hear individuals refer to the Environmental Impact Statement as the EIS or the Draft Environmental Impact Statement as the DEIS. Please don't get confused by that.

Now, the agenda for the meeting will include -- we're going to first have a presentation by the NRC staff, where they'll present the results of the environmental review, and when that's done, we'll have an opportunity for questions and answers about the presentation.

if have questions about 21 So you the presentation as we're going through, I want you to hold 22 those until we're done, and then we'll have question 23 And then after that we'll have 24 and answers. an opportunity for anyone who wants to make a comment to 25

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comment on the record.

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But if you want to say something, if you want to have your comments on the record, please first fill out a yellow comment card. Susan has some over there on the table; I have some in my pocket. And if you want to say something and haven't filled out a card, please raise your hand and we'll bring you one.

8 Okay. I think that's all I want to say 9 about the ground rules, so I'll turn the meeting over 10 now to Tam Tran, who's a project manager in the Division 11 of License Renewal in the NRC's office of Nuclear Reactor 12 Regulation, and he will do the presentation.

MR. TRAN: Thank you.

Thank you all for taking the time to come to this meeting. My name is Tam Tran; I'm the project manager for the environmental review for the South Texas Project license renewal.

I hope the information today will provide you with understanding of how we've done the review, what we -- and the preliminary result of the review, and hopefully the comment that we collect today will help us to make the Final Environmental Impact Statement accurate.

24If I can have slide number 8, this slide25show important

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5 The Draft Environmental Impact Statement 6 for South Texas Project was published on December 5, 7 2012, and also known as Supplement 48 of the Generic 8 Environmental Impact Statement, and we are currently 9 accepting public comments on this document until 10 February 22, 2013.

Today's meeting is being transcribed, and therefore the comment that we're taking back today will help us in developing the Final Environmental Impact Statement starting from the end of the comment period, and we at this point anticipate that we will publish the Final Environmental Impact Statement approximately seven months from the draft document.

Slide number 9, please.

As described on this slide, the NRC defines impact levels in three categories: small, moderate, or large.

For example, the operation of South Texas Project may cause the loss of adult and juvenile fish at the intake structure. If the loss of fish is so small that it does not appear to have noticeably altered

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1	population of the species found in the lower Colorado
2	River, the impact will be small.
3	If losses cause some population to increase
4	or decrease, then stabilize at a different level, then
5	the impact would be moderate.
6	If losses at the intake structure cause the
7	fish population to decline to the point where it cannot
8	be stabilized and continually declines, then the impact
9	would be large.
10	For South Texas Project, the impact to
11	fishery are small.
12	Slide number 10, please.
13	In conducting the review, the environmental
14	review team from NRC and Pacific Northwest National
15	Laboratory analyzes various impacts to the environment.
16	The team examined environmental justice, ecology, land
17	use, regulatory compliance, climate change, et cetera,
18	for the supplement.
19	Slide number 11, please.
20	This slide lists the site-specific issues
21	that the staff reviewed for the continuing operation
22	of South Texas Project during the proposed license
23	renewal period. Each issue is assigned a level of
24	environmental impact of small, moderate, or large by
25	the environmental review team.
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In addition, there are two uncategorized issues. They are environmental justice and electromagnetic field chronic effects. For electromagnetic field chronic effect, the staff considers the Generic EIS findings of uncertain impacts is still appropriate. This is because -- simply because there's no scientific consensus on these issues.

The staff's preliminary conclusion is that the site-specific impacts related to license renewal for South Texas Project are small, except for the impact of electromagnetic field acute effects that are small to moderate.

Slide number 13, please.

The staff also reviewed cumulative impacts associated with the continued operation of South Texas Project. For cumulative impacts, the NRC staff looked at effects on the environment from past, present, and reasonably foreseeable future of human actions.

The impacts include both from the South Texas Project operations and from other activities near the South Texas Project site; for example, I think that we looked at the White Station Energy Center, the Texas Prairie Wetland Project, climate change, et cetera.

Past actions are those related to the environmental resources at the time of the power plant

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licensing and construction. Present actions are those related to resources at the time of current operations of the power plant. And future actions are considered to be those that are reasonably foreseeable through the end of the plant's operation, including the period of extended operations.

In other words, the cumulative impact analysis considers potential impacts through the end of the current license term as well as the 20-year renewal license term.

While the level of impacts due to the direct and indirect effect associated with the continued operation of South Texas Project are mostly small, the staff's preliminary conclusion is that the cumulative impacts are small to moderate.

Slide number 15.

A major step in determining whether a license renewal is reasonable or not is comparing the likely impacts of continued operation of nuclear power plants with the likely impacts of alternatives of power generation.

In the draft supplement, the NRC staff initially considered 18 different alternatives to license renewal of the South Texas Project. After this initial consideration, the staff then chose the five

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most likely alternatives and analyzed these in depth.

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Finally the NRC staff considered what would happen if no action is taken and South Texas Project shut down at the end of its current license without a specific replacement alternative. I want to note that his alternative would not provide power generation capacity, nor would it meet the need currently met by South Texas Project.

9 The NRC preliminary conclusion is that 10 there is no clear environmentally preferred alternative 11 to license renewal. All alternatives capable of meeting 12 the needs currently served by South Texas Project entail 13 impacts greater than or equal to the proposed action 14 of license renewal.

Slide 16, please.

This slide identifies me as your primary point of contact with the NRC for the comments, and it also identifies where documents related to our review may be found.

The Draft Supplemental EIS is available at the Bay City Library. Also it's available on the NRC website listed on this slide.

Slide 18.

You can submit written comments either online or via conventional mail. To submit written

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11 1 comments online, visit the website regulations.gov and search for docket ID nrc-2010-0375. If you have written 2 comments today, you may give them to any NRC staff member 3 4 today. 5 This concludes my presentation, and I'm turning the meeting over to the facilitator. 6 7 MR. HAGAR: All right. Thank you, Tam. 8 Does anyone have any questions for Tam? 9 Is there anything he covered that you'd like to over If so, just raise your hand and I'll bring a 10 aqain? 11 mic to you. 12 (No response.) MR. HAGAR: All right. I don't see any 13 hands, so we'll move directly into the comment period. 14 15 Two people signed up to make comments on the record, and so Susan Dancer and Eugene Davis, in that order. 16 17 Susan, if you'll go ahead and come up, you have an opportunity now to make whatever comments you 18 19 want. 20 MS. DANCER: Thank you. My name is Susan Dancer; common spelling on both words. 21 I want to thank the NRC staff for traveling 22 all this way and giving us an opportunity to participate 23 in this process. 24 25 I'm a Matagorda County native and a business NEAL R. GROSS COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVE., N.W. WASHINGTON, D.C. 20005-3701

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person here locally and a state-licensed wildlife rehabilitator. I live on a 65-acre ranch in Blessing, about eight miles from STP, and I run an animal sanctuary there as well.

I really appreciate the opportunity to come and be heard during this scoping process. I believe that accountability, transparency, and the right to challenge industry are very important and that to question is every citizen's duty.

I have several areas of this EIS that I would have several areas of this EIS that I would like to fundamentally disagree with and respectfully ask you to reconsider.

I continually see and hear that STP is lauded as beneficial to local wildlife and habitat, and that angle is accepted and incorporated into the EIS. This is not what I see as a local citizen and one of only three licensed wildlife rehabilitators here in our county.

I see a large corporation doing a great job of showing you and the public the good and beneficial-to-them part of the picture.

In reality, the contract granted by STP to deal with wildlife issues goes to the lowest bidder, currently GCA. GCA, as well as previous environmental contractors, requires its employees to destroy bird

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nests, eggs, and infant birds that nest on the site as part of standard housekeeping.

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These employees receive no training in applicable laws such as the Migratory Bird Treaty Act, no training on species identification, and don't even know what kind of avian life they're destroying.

7 One year ago this week STP initiated a 8 nuisance-bird eradication program, whereby seed was set 9 out for several days in a row to establish feeding 10 stations on site, and then the seed was replaced with 11 poison.

This project was aimed primarily at several protected species of grackles that congregate in large numbers to overwinter on the Texas Gulf Coast. The poisons that are used are neurotoxic, and the animals that ingest them die a horrible death, often beating themselves to death on the ground.

Predator species such as hawks, eagles, and owls are drawn to the activity and, by ingesting the tainted birds, they ingest the poisons as well. These are biocumulative in the food chain.

I got calls about several raptors on and around the STP site that week that were acting abnormally. One red-tail hawk was brought to my facility but could not be saved.

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5 There are much more humane ways to keep the 6 site free of unwanted birds, short of killing them, 7 though maybe none so inexpensive. These kinds of 8 activities must be considered in the scoping process, 9 and we must acknowledge that fact, that profit supersedes 10 environmental concerns.

STP also regularly deals with mammals on site with lethal solutions, and when problem animals are relocated, employees lack the training to recognize disease which may be infectious, and they are not trained on the laws that pertain especially to our fur-bearing species.

Our wildlife rehabilitation group has offered training to STP personnel at no expense but were told -- and I quote -- "We are not ready to take it to that level."

Additionally, STP regularly kills entire bee colonies that swarm on site. Honeybee numbers are in serious decline, and most of our food crops depend on their pollination.

Another aspect of the EIS I think is

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understated and not given serious weight: the serious water shortage facing our region. To assign a small impact valuation to a shortage of life-giving necessity is irresponsible. In what will undoubtedly be a new drought of record, this is premature and presumptuous.

6 Profit and safety are not at the same end 7 of the business spectrum; they are polar opposites. 8 It costs money and cuts into profit to be safe. As time 9 goes on and more and more equipment ages and fails, safety 10 and concern for community must be sacrificed if 11 shareholders are to be kept satisfied.

12 STPNOC's only objective is to make money 13 for their owners. The appearance and grand gestures 14 toward community and safety are an important part of 15 that process, but the actual implementation of the same 16 is counterproductive to the process of making money,

For example, STP has long been a top producer in the nuclear industry in both profit and output; however, when forced outages in Unit 2 caused the profitability to fall, the new management sent nearly 300 people, 25 percent of STP's workforce, home without pay days before Thanksgiving, and they were unpaid through the end of the year.

24 Where was the professed concern for family 25 and employees and community then? Taking a backseat

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to profit, as they always will, and even more so as the plant ages and reasonable maintenance is neglected in the interest of cost savings.

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Today's corporate world demands lean, efficient operation. A process of trial and error establishes how lean a company can be and still profit. The workforce is ever more and more comprised of contract workers with lower wages and no benefits.

9 One might argue that's just business, and I completely agree. However, framed by the reason that 10 we are here, to discuss STP's environmental impact, 11 12 including the socioeconomic indicators, on our community, we must consider all the factors fully and 13 realistically in the final EIS. 14

Thank you very much.

MR. HAGAR: Thank you, Susan.

Eugene Davis, if you have anything to say,please step up.

MR. DAVIS: I'm Eugene Davis. I'm the executive director of the Matagorda County Women's Crisis Center, known as The Crisis Center. And I'd like to speak, quite briefly, on four points.

One is that what I have observed and seen and heard is that STP has an excellent safety record. It seeks to be transparent; it seeks to let people know

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when things are going on and seeks to be proactive, from my point of view.

I believe, from my point of view, that STP has the safety of everyone at stake and is one of the best-run plants as far as safety and energy in the US.

And with that, I think that's the second 6 7 point, is the efficiency, that we do have an excellent run plant. As my predecessor made the comment just a 8 moment ago about what happened with the contract workers, 9 10 we are in a unique situation where STP is, because of the price of natural gas, losing money, and as in any 11 household, if you spend more than you make, you go under, 12 so there's that need to conserve resources. 13

Also, I cannot comment about what my predecessor has said about the environment on plant site. However, I know that with safety being what it is and the need for safety, they are taking that as the most important course.

I look at the overall impact, county- and area-wide. Every year Matagorda County is rated number one in migratory bird population in different species. That tells me, with STP having been here for 30 years, that environmentally they have had a minimal, at best, impact upon this area. Otherwise we would not see that kind of wildlife still in the region across this area.

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1 And then, too, finally, is the fact that 2 STP is, in my view, an excellent corporate citizen, always willing to step in, always willing to make the 3 difference, always willing to help, and has instilled 4 that in all its employees, that their employees are also 5 involved in the community. And they are a vital part 6 7 of this community that we really appreciate and want 8 to see them stay. 9 Again, I believe in our current energy situation across the state of Texas and electrical 10 generation, Texas as a whole needs STP. 11 12 Thank you very much. All right. Thank you, Mr. 13 MR. HAGAR: Davis. 14 15 And then there was one other speaker that 16 didn't sign up but indicated she might want to make a few comments. Karen, do you want to say something 17 tonight? 18 19 MS. HADDEN: Briefly. MR. 20 HAGAR: Okay. Please introduce yourself when you get up here. 21 Good evening. 22 MS. HADDEN: I'm Karen Hadden, and I am the director of the SEED Coalition, 23 Sustainable Energy and Economic Development Coalition, 24 25 and I will add to the comments that I made at the earlier NEAL R. GROSS COURT REPORTERS AND TRANSCRIBERS 1323 RHODE ISLAND AVE., N.W. (202) 234-4433 WASHINGTON, D.C. 20005-3701 www.nealrgross.com

session today, largely in response to some of the other comments that have been made here tonight.

And I wish I could say that I shared the opinion of transparency for South Texas Project. I find it to be of concern that information is not more forthcoming.

And in terms of safety, I'm very concerned 7 8 about the cutting of employees. I think that's a way 9 to increase safety risks. And even though there's been 10 luck so far, I have great concerns, as do many others who are not here tonight -- and I'll go ahead and say 11 12 that I'm speaking for many other people as well -- that while we have so far no major accident at the site, there 13 needs to be research in the amount of radiation, 14 15 radionuclides migrating off the site.

And also we need to prepare, because historically at some of the sites that were touted as being the safest, the most productive, the ones that were running beautifully, that is exactly where the major problems have occurred in US nuclear history.

And I think we should be looking carefully. I think we should be more forthcoming with information, digging into recent events such as the fire that occurred; digging deeper on many issues and looking more closely.

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1	Thank you.
2	MR. HAGAR: All right. Is there anyone
3	else that wants to make any comments tonight on the
4	record?
5	(No response.)
6	MR. HAGAR: Then let me kind of wrap this
7	up by reminding everybody that the NRC wants to continue
8	to improve the way we present public meetings, and so
9	there are some feedback forms on the corner of the table,
10	and if you have a mind to, grab a feedback form on the
11	way out and suggest to us on how we can improve these
12	meetings.
13	And for a final few words, I want to turn
14	this meeting over to Dave Wrona, who's Branch Chief in
15	the Division of License Renewal in headquarters' Office
16	of Nuclear Reactor Regulation.
17	Dave.
18	MR. WRONA: Thank you, Bob.
19	Just to wrap things up, I want to thank
20	everybody. The turnout tonight, we have a lot of
21	duplicate attendance in the crowd, so we did abbreviate
22	our presentation, hitting the high points.
23	I just want to let everybody know that the
24	NRC staff will be hanging around after the meeting for
25	a little bit, especially as we clean up. So if anybody
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has any specifics on our analysis and our Draft Environmental Impact Statement, they can stop and see any one of us, and we can go into a little bit more detail. And in general, too, if you have any questions on the NRC and what we do and how we function, you know, we'll be here to be able to answer those questions. I do thank you for taking the time out of

I do thank you for taking the time out of your busy schedules to come and provide us with comments that we'll use when we develop our Final Environmental Impact Statement, as Tam mentioned, to be -- it's expected to be published around the July 2013 time frame.

And just as a reminder, as Tam has up on 13 the screen, this isn't the only forum to provide the 14 15 public comments to us that you have. Regulations.gov will allow you to go online and provide them to us, or 16 you can mail them in to the address that's shown on the 17 screen, and that information is available in the handout. 18 19 So if you haven't take a set of the handouts, those are still available over at the table. 20

Thank you very much.

22 MR. HAGAR: With that, this meeting is 23 adjourned. Thank you for being here.

24 (Whereupon, at 7:28 p.m., the hearing was 25 concluded.)

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