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License Renewal Public Meeting - Evening  
Session

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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
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LICENSE RENEWAL AND SCOPING PROCESS  
SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1

PUBLIC MEETING - EVENING SESSION

+ + + + +

Wednesday,

April 18, 2007

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Apex, North Carolina

The Public Meeting was held at 7:00 p.m. in the  
New Horizons Fellowship, 820 Williams Street, Apex,  
North Carolina, Lance Rakovan, Facilitator,  
presiding.

APPEARANCES:

SAM HERNANDEZ - NRC

MAURICE HEATH - NRC

RANI FRANOVICH - NRC

MAYOR DICK SEARS

GINA DEAN

ANN TURNBILL

LEE CRAIG

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JOHN RUKAVINA

- 1 MARVIN FURMAN
- 2 SANDY JORDAN
- 3 BERNIE HODGES
- 4 HILDA PINNIX-RAGLAND
- 5 ELIZABETH ROOKS
- 6 WILLIAM D. LYNCH
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- 12 JACKIE CLEMENTS
- 13 ROBERT DUNCAN
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P-R-O-C-E-E-D-I-N-G-S

7:00 p.m.

FACILITATOR RAKOVAN: Good evening. My name is Lance Rakovan. I am a communications assistant at the Nuclear Regulatory Commission, or NRC.

I would like to welcome you to tonight's public meeting. It is my pleasure to serve as your facilitator, tonight. It is very good to be in North Carolina tonight, and I want to thank those who agreed to allow us to have the public meeting here, it is a very good space.

The meeting this afternoon was a very good meeting, and I'm hoping tonight works out to be the same. The purpose for the meeting is to discuss the license renewal process, and environmental scoping for the Shearon Harris nuclear power plant, unit 1, license renewal application review.

Just to make sure that everybody is aware, the term scoping, something we will be using a lot tonight, is a term used in conjunction with preparing an environmental impact statement.

Basically it helps the NRC determine what should be included in the scope of the environmental impact statements we will prepare. In other words,

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1 what issues we will address.

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To give you an idea of the format of tonight's meeting, we are going to start out with a few presentations by NRC staff. After that we are going to allow a short time for Q's and A's, if you have any questions, in terms of want some clarification on the presentations that were given.

And then I have a number of people who have signed up to speak, so we would like to go to the comments quickly, if possible.

Again, if you could hold your questions to the ends of the presentation, it would help us out a lot. Please keep in mind that any comments we receive, tonight, on the scoping, are going to be the same as if you sent them in written form to the NRC.

We are keeping a transcript of tonight's meeting. So whatever you say will be down, and we will have a written log of it. Since we are transcribing it will certainly help keep a clean transcript of the meeting if everyone who speaks can make sure that there is only one person speaking at a time.

And, also, if you could use a microphone when you do speak. Again, that will just help our

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1 transcriber make sure that we get everything down, and  
2 make sure that we are clear on who said what, and what  
3 you said.

4 When you do make a question, or a comment,  
5 if you could at least the first time introduce  
6 yourself, and also if you are representing a  
7 particular organization, if you could let us know what  
8 organization that is.

9 Given the number of speakers we have, if  
10 you could keep your comments to about five minutes,  
11 that seems to work out pretty well. That should allow  
12 everyone to speak, but also keep the meeting going.

13 Just a few general meeting type things.  
14 If you could silence your cellphones, or beepers. A  
15 cellphone going off in the middle of a meeting can  
16 certainly derail things, or distract from it.

17 Also, we have the back table, hopefully  
18 you signed in. There are copies of the presentations  
19 so, hopefully, you all picked those up. There were  
20 also public meeting feedback forms.

21 If you could take a moment to fill that  
22 out we would really appreciate it. It is quite  
23 helpful. Just give your opinion of tonight's meeting,  
24 how you think it could have gone better, or if it went  
25 perfect, you are okay with it that way, that is okay,

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1 too.

2 You can give that to me, leave it out on  
3 the table, or postage is free if you want to drop it  
4 into the mail, and it will get to us. Those do help  
5 us kind of hone, in terms of our public meetings. So  
6 if you would take a moment we would really appreciate  
7 your filling those out.

8 I would like to introduce our two speakers  
9 tonight. First of all, Sam Hernandez. Sam is an  
10 environmental project manager. He has been with the  
11 NRC for about four years, working on environmental  
12 reviews.

13 He has a bachelor's degree, in chemical  
14 engineering, from the University of Puerto Rico and  
15 is, currently, pursuing a master's degree in  
16 environmental engineering from the University of  
17 Maryland.

18 The other speaker is Maurice Heath.  
19 Maurice is a project manager for license review,  
20 renewal sorry, at the NRC. He has also been with the  
21 NRC for about four years. He has a bachelor's of  
22 science for mechanical engineering, from North  
23 Carolina A&T.

24 One other comment that I wanted to make.  
25 I was given a copy of an article that was in the News

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1 and Observer, called "getting involved". It made the  
2 statement, "if opponents claim deficiencies in  
3 Progress Energy's application, or problems at the  
4 nuclear plant, then they can ask the NRC for an  
5 evidentiary hearing. Such a hearing would extend  
6 proceedings by at least half a year."

7 I just want to say that we are going to go  
8 into a little more detail as to what, specifically, we  
9 are looking for, in terms of environmental scoping,  
10 and the comments that we are looking for tonight.

11 It says, "problems at the nuclear plant".  
12 The NRC has a number of different processes for  
13 handling what you would call a problem at the nuclear  
14 plant.

15 So if you have any questions on how to  
16 handle something like that, you can ask any of the NRC  
17 employees here, and we will help you figure out the  
18 correct mechanism to take care of that.

19 I believe I have covered everything that  
20 I would like to say, to start off the meeting. So I'm  
21 looking forward to a productive one, and I will turn  
22 the meeting over to Sam. Sorry, to Maurice.

23 MR. HEATH: Good evening. As Lance  
24 mentioned, my name is Maurice Heath and I'm the  
25 project manager responsible for the review of Shearon

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1 Harris nuclear power plant license renewal  
2 application.

3 As Lance mentioned, the purpose of  
4 tonight's meeting is to provide an overview of the  
5 NRC's license renewal review processes, and to receive  
6 your comments on the scope of the environmental  
7 review.

8 I would like to reiterate that we will be  
9 answering your questions at the end of today's  
10 presentation. So please hold your comments until the  
11 appropriate period during the meeting.

12 Before I get into a discussion of the  
13 license renewal process, I would like to take a minute  
14 to talk about the NRC in terms of what we do, and what  
15 our mission is.

16 The two principal NRC governing statutes  
17 are the Atomic Energy Act, and the National  
18 Environmental Policy Act of 1969, better known as  
19 NEPA.

20 The Atomic Energy Act authorizes the NRC  
21 to regulate the civilian use of nuclear material. The  
22 specific regulations that the NRC enforces are  
23 contained in Title 10 of the Code of Federal  
24 Regulations, commonly known as 10CFR.

25 The Atomic Energy Act also authorizes the

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1 NRC to grant a 40 year operating license for nuclear  
2 power reactors, and allowing for renewal of this  
3 license.

4 It is important to note that the 40 year  
5 term was based on, primarily, economic considerations,  
6 and anti-trust factors, and not on safety or technical  
7 limitations.

8 The second governing statute is NEPA of  
9 1969, that established a national policy for  
10 considering the impact of federal decisionmaking on  
11 the environment.

12 In exercising its authority the NRC's  
13 mission is three-fold, to ensure adequate protection  
14 of public health and safety, to promote the common  
15 defense and security, and to protect the environment.

16 The NRC accomplishes its mission through  
17 a combination of regulatory programs and processes,  
18 such as conducting inspections, issuing enforcement  
19 actions, assessing licensee performance, and  
20 evaluating operating experience from nuclear plants  
21 across the country, and internationally.

22 One important element of our inspection  
23 program are the resident inspectors. The NRC has  
24 resident inspectors at all operating nuclear power  
25 plants. Their job is to carry out our safety mission

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1 on a daily basis by ensuring that these plants have  
2 acceptable safety performances, and compliance with  
3 the regulatory requirements.

4 They are considered the eyes and ears of  
5 the NRC. And tonight we have in the audience, our  
6 senior resident inspector, Mr. Phil O'Bryan, and our  
7 resident inspector, Mr. Michael King. And both of  
8 them are stationed at the Shearon Harris nuclear power  
9 plant.

10 The current operating license for Shearon  
11 Harris will expire on October 24th, 2026. On November  
12 14th, 2006, CP&L, doing business as Progress Energy,  
13 owner of the plant, submitted an application for  
14 renewal of the Shearon Harris operating license for an  
15 additional 20 years.

16 Copies of the Shearon Harris license  
17 renewal application are available for review at Eva H.  
18 Perry library, in Apex, North Carolina, and the West  
19 Regional Library here in Cary. For tonight's meeting  
20 we have copies, outside, on disk, if you would like to  
21 take one.

22 The regulations governing license renewal  
23 are based on two guiding principles. To effectively  
24 communicate these principles I need to describe a  
25 concept, or term of art, used by the NRC. That concept

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1 is licensing basis.

2 Licensing basis is a wide range of design  
3 and operational requirements, and conditions, that  
4 must be met for the plant to comply with its operating  
5 license. It serves as a basis upon which the NRC  
6 originally licensed that plant, and allows that plant  
7 to continue to operate.

8 Now, as I mentioned, the regulations  
9 governing license renewal are based on these two  
10 principles. The first is that the current regulatory  
11 process is adequate to ensure that the licensing basis  
12 of all currently operating plants provide and maintain  
13 an acceptable level of safety.

14 The second principle is that the current  
15 plant specific licensing basis must be maintained  
16 during the renewal term in the same manner, and to the  
17 same extent, as during the original license term.

18 To ensure that the plant's current  
19 licensing basis is maintained during an extended  
20 period of operation, the effects of aging must be  
21 understood and addressed.

22 The Staff conducts a rigorous review of  
23 new and existing programs, and surveillance  
24 activities, to determine, with reasonable assurance,  
25 that the effects of aging, for certain plant

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1 structures, systems, and components, will be  
2 adequately managed, or monitored.

3 This slide is a list of the content of the  
4 license renewal application submitted by Progress  
5 Energy. The Staff reviews this information to verify  
6 that all aging will be managed effectively and  
7 environmental impacts are characterized and disclosed.

8 This diagram represents the license  
9 renewal process. The top portion of the diagram shows  
10 the safety process, and the bottom portion shows the  
11 environmental process.

12 These two reviews are conducted in  
13 parallel to evaluate two separate aspects of the  
14 license renewal application.

15 The yellow starburst figures represent  
16 opportunities for public involvement. Tonight's  
17 meeting we are in the first yellow figure, which is to  
18 solicit your comments on the scope of the  
19 environmental review.

20 During the safety review the Staff  
21 conducts an audit to evaluate adequacy of the  
22 technical information in the license renewal  
23 application. The NRC's qualified inspectors perform  
24 on-site inspections to verify that the applicant's  
25 aging management programs, and activities, are

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1 implemented, or have been planned for implementation.

2 Then the results of the safety review are  
3 documented in a safety evaluation report and  
4 inspection report. The safety evaluation report, or  
5 SER, is forwarded to the Advisory Committee on Reactor  
6 Safeguards, otherwise known as ACRS, who will perform  
7 an independent review of both license renewal  
8 application, and the NRC's staff safety evaluation.

9 The ACRS is a group of scientists, and  
10 nuclear experts, who serve as a consulting body to the  
11 Commission. The ACRS reports their findings, and  
12 recommendations, directly to the Commission.

13 To perform an environmental review the  
14 Staff conducts an on-site environmental audit, and  
15 generates a draft and final generic environmental  
16 impact statement.

17 In the second part of this presentation  
18 Sam Hernandez, the environmental project manager, will  
19 provide a detailed overview of the environmental  
20 process.

21 In summary, for the safety review process,  
22 the NRC reviews the applicant's renewal application,  
23 reviews supporting documentation, and conducts on-site  
24 audit and inspections.

25 Thereafter the Staff documents the basis

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1 and conclusion, of its review, in a publicly available  
2 safety evaluation report. And, finally, after the  
3 ACRS has completed their independent review of both  
4 the license renewal application, and the Staff's  
5 safety evaluation report, they offer a recommendation  
6 to the Commission regarding proposed action to issue  
7 a renewed operating license.

8 Before turning the presentation over to  
9 Mr. Hernandez, to discuss the environmental review  
10 process, I would like to mention a few important areas  
11 of NRC oversight, that are separate from the license  
12 renewal process.

13 They include emergency planning, security,  
14 and current safety performance. The NRC monitors, and  
15 provides, regulatory oversight of activities, in these  
16 areas, on an ongoing basis, under the current  
17 operating license.

18 Therefore we do not reevaluate them in  
19 license renewal. The reason why these areas are not  
20 reevaluated is because they are subject to ongoing NRC  
21 inspection and oversight.

22 Any issues are identified and addressed,  
23 immediately, under the current operating license. For  
24 more information about the reactor oversight process  
25 for Shearon Harris, you can follow the link at the

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1 bottom of the page.

2 That concludes my presentation of the  
3 safety review process for license renewal. Now I'm  
4 going to turn it over to Sam Hernandez to provide an  
5 overview of the environmental review process. Sam?

6 MR. HERNANDEZ: Hi. My name is Sam  
7 Hernandez. I'm an environmental project manager for  
8 the NRC. I'm responsible for coordinating all the  
9 activities of the NRC Staff to prepare an  
10 environmental impact statement associated with the  
11 proposed license renewal of the Shearon Harris nuclear  
12 power plant.

13 The National Environmental Policy Act of  
14 1969 requires that all federal agencies follow a  
15 systematic approach in evaluating potential impacts  
16 associated with certain actions.

17 We, at the NRC, are required to consider  
18 the impact of the proposed action and, also, any  
19 mitigation for those impacts we consider to be  
20 significant.

21 We are also required to consider  
22 alternatives to the proposed action, in this case, the  
23 license renewal of Shearon Harris, and in other  
24 alternatives we include the no action alternative.

25 In other words, if we decide not to

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1 approve the license renewal for Shearon Harris, what  
2 are the environmental impacts? The NRC has determined  
3 that an environmental impact statement, or EIS, will  
4 be prepared for any proposed license renewal of  
5 nuclear plants.

6 In preparing an environmental impact  
7 statement the NRC conducts a scoping process. The  
8 purpose of this scoping process is to identify any  
9 important issues, and information, to be analyzed in  
10 depth during our review.

11 We are now in the scoping process for  
12 Shearon Harris, and are here today, gathering  
13 information, and collecting public comments on the  
14 scope of our review.

15 Simply put, what special issues should the  
16 Staff consider in preparing the environmental impact  
17 statement for the license renewal of Shearon Harris.

18 In that framework I want to provide an  
19 overview of the environmental review. In the 1990s  
20 the NRC staff developed a generic environmental impact  
21 statement, or GEIS.

22 The GEIS documented the environmental  
23 impacts of renewing the operating licenses for all the  
24 nuclear power plants in the nation. As a result of  
25 that analysis the NRC was able to conclude that

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1 several environmental issues were common, or similar,  
2 to all nuclear power plants.

3 The environmental impact associated with  
4 those issues was a small impact at all sites. The NRC  
5 Staff, in our review, would also evaluate any new and  
6 significant information that might call into question  
7 the conclusions that were previously reached in the  
8 GEIS.

9 Now, the NRC also concluded that there are  
10 several issues to which a generic determination, or  
11 conclusion, could not be reached. And for these  
12 issues the NRC will prepare a site specific  
13 supplemental environmental impact statement, or SEIS,  
14 which is a supplement.

15 And that is the reason we are here today  
16 requesting your comments on the scope of the site  
17 specific environmental impact statement for Shearon  
18 Harris.

19 Now, I want to explain, and give an  
20 example of what I mean by an issue that was  
21 generically dispositioned, and another issue that we  
22 believe that it is not the same at all plants, so a  
23 site specific additional review is needed.

24 An example of what we consider a generic  
25 issue is bird collisions with cooling towers. These

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1 collisions have not been found to be a problem at  
2 operating nuclear power plants, and are not expected  
3 to be a problem during the license renewal term. It  
4 is an issue that was dispositioned as generic. In our  
5 review we will conduct an evaluation to see if there  
6 is any new and significant information that might call  
7 into question that conclusion.

8 As for site specific issue, an example is  
9 impacts on threatened or endangered species.  
10 Continued operation is not expected to adversely  
11 affect, threaten, or endanger, species. However,  
12 consultation with appropriate agencies is needed at  
13 the time of the license renewal, to determine whether  
14 threatened, or endangered species, are present and  
15 whether they would be adversely affected. So this is  
16 an issue that would be included in our site specific  
17 supplement.

18 When the review is completed, the GEIS,  
19 and the site specific supplemental environmental  
20 impact, will be the complete record of the  
21 environmental review.

22 This diagram shows the subject areas that  
23 we will be looking at, and we will be evaluating in  
24 our site specific environmental impact statement for  
25 Shearon Harris. We have some of them listed here, and

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1 are included in your slides.

2 So how does the public provide input for  
3 the decisionmaking? This diagram shows some of the  
4 inputs that are used for the license renewal decision.  
5 Today we are here soliciting your comments on the  
6 scope of the environmental review, and we will  
7 consider all comments, received during the scoping, in  
8 developing the draft supplemental environmental impact  
9 statement.

10 Also, there is an opportunity to request  
11 a hearing, right here at the bottom. The opportunity  
12 for a hearing closes on May 19, 2007. And additional  
13 information about the hearing process is attached to  
14 the handouts that you received at the registration  
15 table.

16 Specifically, if you look at the Federal  
17 Register Notice, there is additional information on  
18 how to request a hearing in the proceedings.

19 Now, I would like to clarify that the  
20 hearing opportunity, and the public comments on the  
21 scope of the environmental review, are two different  
22 processes. Today we are accepting your comments on  
23 the scope of an environmental review.

24 So how do you provide your comments? You  
25 can do it here, during our comment portion of the

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1 meeting. If you are not ready to provide a comment  
2 today, you can send us your comment via regular mail,  
3 or you can also send your comment via email.

4 The special address that we have set up in  
5 the NRC, for receiving comments on the scoping of the  
6 environmental review for Shearon Harris, is  
7 ShearonHarrisEIS@nrc.gov.

8 Also you can deliver your comments, in  
9 person, if you wish to. Or you can provide your  
10 written comment, today, to us. I want to point out  
11 that the scoping commend period ends on May 19th of  
12 '07. So we would appreciate it if you could send your  
13 comments, if you have any, by that date.

14 I want to give you some information about  
15 the overall review schedule. All this information is  
16 provided in your handouts, so I won't bore you going  
17 all over them. But all of these items, highlighted in  
18 yellow here, are the opportunities for public  
19 involvement.

20 Right now we are in the scoping process.  
21 The scoping process closes on May 19th, 2007. Also we  
22 have an opportunity to request a hearing. The  
23 opportunity to request a hearing closes in May 19th.

24 As I told you, earlier, there is more  
25 detailed information in your handouts about that

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1 process.

2 We expect to issue a scoping summary  
3 report in July of '07. In that report we will have  
4 the summary of all the issues that were brought up  
5 during scoping. If you provided your address at the  
6 registration table, we will make sure that you receive  
7 a copy of that summary.

8 After that we expect to publish the draft  
9 environmental impact statement in December of '07.  
10 And that document will be up for a period of public  
11 comment of 75 days. And we will have another meeting,  
12 here, to request your comments on the draft  
13 environmental impact statement.

14 We expect to conduct the public meeting  
15 somewhere around January of '08. We anticipate  
16 issuing the final supplemental environmental impact  
17 statement in August of 2008.

18 This is some additional information. If  
19 you have any question about what was said, here today,  
20 or you need information you might find useful to  
21 submit your comments, you can call people listed here,  
22 for information.

23 Also, as previously mentioned, the license  
24 renewal application, and the environmental report,  
25 submitted by the applicant, are available in these two

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1 local libraries.

2 In these local libraries you will also be  
3 able to inspect the scoping summary report, the draft  
4 environmental impact statement, the safety evaluation  
5 report, and the final supplemental environmental  
6 impact statement, once the NRC staff issues these  
7 documents.

8 And you can also go to the NRC website and  
9 find information. If you have any problem locating  
10 any document, in the NRC website, you can call any one  
11 of us, and we will make sure you obtain the  
12 information you are looking for.

13 And that concludes my remarks. Thank you.

14 FACILITATOR RAKOVAN: Thanks, guys.  
15 Does anyone have any clarifying comments on the  
16 presentations, before we turn things over to the  
17 comments?

18 (No response.)

19 FACILITATOR RAKOVAN: I don't see any  
20 hands. If you did, the NRC employees will be hanging  
21 around after the meeting, so if you had something that  
22 you wanted to speak with them, specifically about,  
23 there will be a number of people that you can grab.

24 I'm going to go ahead and go to the cards  
25 that I have, in terms of the people who have signed up

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1 to speak. I'm going to start things up with Mayor  
2 Dick Sears, from Holly Springs, North Carolina.

3 Why don't you come to the podium up here,  
4 and that way people can see you. That microphone is  
5 kind of in the dark, and it is next to the pillar.  
6 Well, if you would rather, that is okay, too.

7 MAYOR SEARS: Hi, there. I'm Mayor Dick  
8 Sears, of Holly Springs. This town, as you well know,  
9 is the closest town to the plant. And I'm pleased to  
10 support, pleased to support, Progress Energy's request  
11 for license renewal.

12 Briefly, which is difficult for mayors,  
13 the reasons behind that would include I met with both  
14 of these gentlemen, several months ago, and we talked  
15 about this in detail.

16 The plant has been part of our area, now,  
17 for almost 20 years. And, in my opinion, they have  
18 supplied safe, reliable, efficient, and clean  
19 electricity to our town, region, and state.

20 We also have several members of their  
21 staff living in Holly Springs, which we are very proud  
22 of. And I enjoy a very close, personal relationship  
23 with the Progress Energy team.

24 I have toured the plant at least four to  
25 five times, the total plant, inside, out, the whole

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1 nine yards. And I, personally, am very pleased and  
2 comfortable with their safety precautions.

3 I would also encourage any elected  
4 officials who might be here, or others, to do the same  
5 thing that I have done, take a look at the plant, go  
6 through the whole thing, you will be impressed.

7 And, in summary, due to the rapid growth  
8 in our area, in particular Holly Springs, we are  
9 moving in 2.7 families every day. We need Shearon  
10 Harris and we need the electricity.

11 We also need roads, which is another  
12 subject that we will talk about at a different time,  
13 for the traffic that all these people bring to our  
14 area.

15 So, again, I support the license renewal  
16 program for Progress Energy, and thank you for your  
17 time. That was brief.

18 FACILITATOR RAKOVAN: Thank you, Mayor  
19 Sears. I had a number of people who requested that  
20 they could go early, so I'm going to try to allow  
21 those people to comment first.

22 I have Gina Dean, from the NAACP. Are you  
23 ready, Ms. Dean?

24 MS. DEAN: Good evening, and thank you so  
25 much for granting that request. I have a little one

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1 and, you know, school is 7:50 in the morning, but we  
2 have tried to do our homework in the back.

3 My name is Gina Dean, and I'm the state  
4 advisor for the NAACP for the State of North Carolina.  
5 And I represent over 3,000 young people, including a  
6 zero to 25. My 11 month old is somewhere around here,  
7 and we want you to have a good, quiet meeting.

8 And I coordinate, in your service area,  
9 the young people and, of course, across the state.  
10 And it has been a pleasure to work with Progress  
11 Energy employees since 1999, if my memory serves  
12 correct, and I have worked with many.

13 We have had the opportunity to visit, any  
14 time we wanted to go to the Shearon Harris plant it  
15 has been open to us, for the community leaders. Of  
16 course it is not an open highway, everybody can't go.

17 But if you are a community leader they  
18 have deemed it okay for us to go. And we have been  
19 excited that every state conference president of the  
20 NAACP has visited, and has seen it to be okay.

21 We have just been impressed with the  
22 diversity initiatives that Progress Energy has shown  
23 us, as well as their relationships with the community.  
24 And so it is with great pleasure that I lend our  
25 support, and the NAACP, and to the Harris plant, but

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1 in short, we have the confidence that will tend to the  
2 growth, and everything else, as they always have, and  
3 will continue to do.

4 Thank you so much for this opportunity,  
5 and have a great rest of the meeting. I do have to  
6 leave, but it is no disrespect to your work. Thank  
7 you. Say bye.

8 FACILITATOR RAKOVAN: Thank you, Ms. Dean.  
9 Ann Turnbill.

10 MS. TURNBILL: Good evening. I'm Ann  
11 Turnbill, and I'm a resident of Wake County, and have  
12 been, since 1985. I'm a mother of a fabulous six year  
13 old, and a customer of Progress Energy.

14 Whether we realize it or not, Progress  
15 Energy touches all of our lives. Not just when we  
16 flip on the light switch, or drive down the street at  
17 night, but they are a member of our community, and an  
18 excellent corporate citizen.

19 If you are not aware, Progress Energy  
20 supports this community in many, many ways. And I  
21 know this because I do some volunteer work with my  
22 PTA, through my son's school, and through other  
23 educational programs and organizations.

24 They are a generous supporter of public  
25 education, and they demonstrate a true, true

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1 commitment to the high quality that we experience here  
2 in Wake County.

3 And we are just very fortunate that we  
4 live in Wake County, in experiencing the growth, and  
5 the prosperity here. And having said that, I would  
6 like to tell you that I hope that you grant the  
7 renewal for the license for the Shearon Harris nuclear  
8 plant so we can continue to grow and prosper in Wake  
9 County. Thank you.

10 FACILITATOR RAKOVAN: Thank you, Ms.  
11 Turnbill. I have a Mr. Lee Craig, from North Carolina  
12 State University.

13 MR. CRAIG: My name is Lee Craig, and I'm  
14 a professor of economics at North Carolina State  
15 University. You know, when they send a professor of  
16 economics to the podium, the excitement level is going  
17 to drop from the earlier presentations.

18 I can speak until heads start hitting the  
19 table, but I've already done that twice today, so I  
20 will be brief this evening.

21 I'm here representing my colleague, Dr.  
22 Edward Erickson, who in 2005 conducted an economic  
23 impact study of Progress Energy's Shearon Harris  
24 nuclear plant.

25 Unfortunately Dr. Erickson is out of the

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1 country and cannot speak this evening. As I just  
2 mentioned, my report tonight summarizes an economic  
3 impact study.

4 There are two ways in which one can  
5 interpret an economic impact study of this type. One  
6 way is to interpret it in a way that would let us view  
7 and answer the following question.

8 Holding all other economic variables  
9 constant, what does the plant in question contribute  
10 to the local economy? Another way to interpret a  
11 study like this would be to see it as an answer to a  
12 slightly different, but related, question.

13 Which is, if this plant had never been  
14 constructed, or if it were to be closed, or otherwise  
15 go missing, then how would that impact the local  
16 economy?

17 Although the impact estimates are the  
18 same, in either case, I find that thinking about, and  
19 discussing the issue in both ways, helps to better  
20 understand exactly what the impact figures are telling  
21 us.

22 The economic impact report that I'm  
23 summarizing contains at least five key economic  
24 indicators. These are: One, the value of economic  
25 output; two, employment; three, personal income, which

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1 is to say primarily wages and salaries; four, all  
2 other income; and five, tax revenues.

3 As of calendar year 2005 Dr. Erickson  
4 estimates that the Shearon Harris plant generates the  
5 following economic impacts for these five categories.

6 The plant generates roughly 700 million  
7 dollars in economic output. The plant supports more  
8 than 2,100 jobs in the Triangle region. The plant  
9 generates 86 million dollars in personal income, and  
10 nearly 40 million dollars in other income.

11 And the report estimates that the plant  
12 generates roughly ten million dollars in indirect  
13 business taxes, which in North Carolina are largely  
14 sale taxes, and 20 million dollars in property taxes.

15 In concluding this summary I offer one  
16 additional and final impact, which was estimated in  
17 the report. At current property tax rates, in the  
18 Triangle Region, the property value required to  
19 generate 20 million dollars in property taxes is  
20 approximately 2.8 billion dollars, which is greater  
21 than one percent of the value of the assessed property  
22 in the Triangle, at the time of the study.

23 Thank you.

24 FACILITATOR RAKOVAN: Thank you,  
25 Professor. Herman Jaffe, you want to go later? Okay,

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1 we can do that. Lou Ebert.

2 MR. EBERT: Good evening, and thank you.  
3 My name is Lou Ebert, I'm the president of the North  
4 Carolina State Chamber of Commerce.

5 I'm pleased to stand here tonight in  
6 support of Progress Energy's application for  
7 reauthorizing the Shearon Harris plant.

8 The State Chamber, the North Carolina  
9 Chamber, and its 25,000 members across the state,  
10 support a growing and competitive economy, which  
11 creates opportunities for all North Carolina citizens.

12 As the fourth fastest growing state in  
13 America, and the tenth largest state in the country,  
14 business needs reliable, affordable, and clean energy,  
15 to compete, to create jobs, and drive the continued  
16 economic growth of our state.

17 There are many reasons that make our state  
18 the envy of most in the country. Maintaining and  
19 improving our competitive position, as a state, is the  
20 primary mission of the North Carolina Chamber.

21 And the competition to grow jobs, and  
22 expand, costs matter. Energy drives North Carolina  
23 business, it drives our economy, and creates  
24 opportunities for all of us.

25 In our quest to make North Carolina a

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1 leader among states, and a competitor among nations,  
2 I'm pleased to stand here tonight in support of  
3 reauthorizing this plant well into the future. Thank  
4 you.

5 FACILITATOR RAKOVAN: Thank you, Mr.  
6 Ebert. I'd like to thank all the commenters so far  
7 for, you know, keeping your comments concise and  
8 making sure that we have time to get to the stack that  
9 I have.

10 Next I have John Rukavina, the director of  
11 public safety for Wake County.

12 MR. RUKAVINA: Thank you, and good  
13 evening, ladies and gentlemen. I'm John Rukavina, I'm  
14 director of public safety for Wake County, and I'm  
15 here to tell you, a little bit, about the relationship  
16 between CP&L and Progress Energy, and Wake County  
17 public safety since the establishment of the Shearon  
18 Harris plant.

19 Wake County is responsible for emergency  
20 and crisis response planning, in the county, including  
21 the planning and exercise functions required by the  
22 Nuclear Regulatory Commission, and by FEMA, in  
23 connection with the operation of the Shearon Harris  
24 plant.

25 Progress Energy has, and currently

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1 provides, contractual financial support to Wake County  
2 for the conduct of those activities, including support  
3 of an emergency planner, who is dedicated to  
4 maintaining the emergency plans in connection with  
5 Shearon Harris response, and in working with units of  
6 local government, and other interested agencies, in  
7 maintaining their readiness.

8 As a result of that collaborative effort  
9 we have, and by we I mean both Wake County and  
10 Progress Energy, have consistently met NRC and FEMA  
11 standards for emergency or crisis response in the case  
12 of Shearon Harris operation.

13 That has not been the result of any actual  
14 emergency, but as a result of semiannual evaluation of  
15 full scale exercises of both the Wake County emergency  
16 operations center, and field activities in connection  
17 with exercising the Shearon Harris emergency response  
18 plan.

19 In those years when we don't do a full  
20 scale activity we also conduct an exercise that is  
21 limited to operation from our emergency operation  
22 center.

23 So every year in April and, in fact, our  
24 most recent exercise was within the past two weeks, we  
25 exercise our plan and make sure that our

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1 communications equipment, and our means of operating  
2 with other community agencies meet the requirements of  
3 those plans.

4 And, again, every other year, when we do  
5 the larger scale test, we work closely with our  
6 neighboring counties in making sure, again, that we  
7 exercise our plans, and that any issues or improvement  
8 opportunities that are brought to our attention are  
9 taken care of.

10 We expect that that relationship will  
11 continue, and we look forward to working with Progress  
12 Energy in maintaining those emergency response plans,  
13 and exercising them so that if something were to occur  
14 we would be ready to respond appropriately in the  
15 interest of the community. Thank you.

16 FACILITATOR RAKOVAN: Thank you, sir.  
17 Marvin Furman.

18 MR. FURMAN: My name is Marvin Furman, I'm  
19 a new resident of Wake County, and I'm sorry to say,  
20 when I moved down here I didn't know there was a  
21 nuclear power plant 20 miles from where I live, which  
22 I'm very disappointed in.

23 And to tell you the truth I feel like  
24 General Custer at Little Big Horn, right now. I'm  
25 supposed to get a laugh on that one.

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1           Anyway, I want to talk about the safety  
2           issue. And I'm not talking about nuclear meltdowns,  
3           and we can forget about the adverse environmental  
4           factors, and we also can forget about the terrorist  
5           factor here.

6           What I'm talking about is that if you have  
7           parents who live in this area, and you have children,  
8           your children are in danger of getting leukemia. There  
9           is a better chance they will get leukemia because  
10          there is a nuclear power plant here.

11          And I have pulled evidence off the  
12          internet to show this here, and I will just point out  
13          that there is so much evidence on this here, and I'm  
14          only going to point out two things to you.

15          First I'm going to tell you that Canada,  
16          France, Germany, and the Soviet Union, there were high  
17          incidence of leukemia in the proximity of nuclear  
18          power plant among children.

19          And another example of evidence that I'm  
20          going to give you, is that SEER, that is surveillance  
21          and epidemiology and end result program, of the United  
22          States Center for Disease Control and Prevention, came  
23          out with figures that from 1975, to 2000, cancer rates  
24          in children, near nuclear power plants, went up 40  
25          percent.

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1                   If you are a parent, but more important  
2 Mayor are you here? Do you have grandchildren? Are  
3 you concerned about your grandchildren? Okay, think  
4 about that, look it up. Those children are in danger,  
5 I'm telling you. Wake up.

6                   FACILITATOR RAKOVAN: Thank you, sir.  
7 Next up I have Sandy Jordan, from the Cary Chamber of  
8 Commerce.

9                   MR. JORDAN: Thank you. My name is Sandy  
10 Jordan, I'm vice president of economic development for  
11 the Cary Chamber of Commerce.

12                   Cary, and many of the other communities,  
13 that are here in the Triangle, have long been  
14 recognized as some of the most desirable places in  
15 which to live, and work, in our nation.

16                   We have experienced quality sustainable  
17 growth that is the envy of many other communities.  
18 The local investment by companies, that are moving  
19 here, and the jobs that they are creating for our  
20 growing population, have done much to enhance the  
21 quality of life that all of us appreciate and enjoy.

22                   Key to that past growth, and to its  
23 sustainability, as we move forward, has been, and will  
24 continue to be, an adequate supply of quality power.  
25 The ability to meet our electrical demands is

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1 critical.

2 If we cannot say, with certainty, that an  
3 adequate supply of electrical power is available, we  
4 will no longer be able to attract these investments,  
5 and new jobs to our area.

6 For 20 years the Shearon Harris nuclear  
7 plant has helped provide the region with reliable  
8 electrical energy. It is a facility that has operated  
9 safely, and efficiently, during those 20 years, and is  
10 extremely important, as our region looks to its future  
11 prosperity.

12 Accordingly I would ask the Commission to  
13 positively act on the license renewal request  
14 requested by Progress Energy. Thank you.

15 FACILITATOR RAKOVAN: Thank you, sir.  
16 Next up Mr. Bernie Hodges.

17 MR. HODGES: Good evening. Thank you to  
18 the nuclear regulators who are here, that are giving  
19 me a chance to make a few comments tonight.

20 My name is Bernie Hodges, I'm a long time  
21 residential and large industrial customer of Progress  
22 Energy. I'm president of a textile company in North  
23 Carolina, Wade Manufacturing Company.

24 We operate in Anson and Richmond Counties.  
25 My company is being asked to compete in a large

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1 international market and environment. The game has  
2 changed rapidly in the last few years. The cost of  
3 electricity is one of the few areas we have an  
4 advantage over foreign competition.

5 Electricity is cheaper, and more  
6 dependable, in the United States than in overseas  
7 locations. We certainly want to retain that cost  
8 advantage.

9 Our plants are in rural North Carolina,  
10 all manufacturing jobs are meaningful in those areas.  
11 For an electrical utility nuclear power is the lowest  
12 cost source of generating electricity on a large  
13 scale.

14 I wish Progress Energy had more nuclear  
15 generated electricity. Without the cost of nuclear  
16 generated electricity averaged into the overall cost  
17 of all electricity generated by Progress Energy, the  
18 cost would force some industrial manufacturing  
19 companies to shut their doors, or relocate to areas  
20 with competitive electricity costs.

21 In addition, it is my belief that there is  
22 less environmental pollution from nuclear generation  
23 than a coal fired, or natural gas fired electricity  
24 generation source.

25 There are no air pollutants being emitted.

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1 In an age where global warming appears a real issue,  
2 certainly nuclear power is the correct means of  
3 electricity generation for the future.

4 I am not aware of any environmental or  
5 safety issues caused by the Shearon Harris plant. I  
6 believe the past record, and rules and regulations  
7 that the plant operates under, are evidence of a well  
8 run and properly regulated facility.

9 I simply believe the word nuclear has bad  
10 connotations. I wish we could change the word. I  
11 certainly believe the majority of homeowners and  
12 industrial customers want the lowest rate for  
13 electricity.

14 I further believe that all North  
15 Carolinians want to do our best to save manufacturing  
16 jobs in our state. For these reasons I support and  
17 strongly encourage the office of Nuclear Reactor  
18 Regulation, to fully investigate and extend the  
19 requested operating license for the Shearon Harris  
20 plant. Thank you.

21 FACILITATOR RAKOVAN: Thank you, Mr.  
22 Hodges. Hilda Pinnix-Ragland.

23 MS. PINNIX-RAGLAND: Thank you, and thanks  
24 for allowing all of us an opportunity to speak on  
25 behalf of the Shearon Harris plant, those that are for

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1 it, and those that are against it.

2 Naturally I'm for it. I'm the vice  
3 president of the northern region for Progress Energy,  
4 and it covers 16 counties, and central and northern  
5 North Carolina, covering about 500,000 customers.

6 Once the Shearon Harris plant generates  
7 electricity, I have the opportunity of overseeing the  
8 part of the company that transmits that electricity,  
9 or distributes that electricity to our commercial, our  
10 industrial, and our residential customers.

11 And we always want to make sure that we  
12 have abundant supply of electricity that will serve  
13 our homes and our businesses. We need a reliable 24/7  
14 flow of power to meet the energy needs for everyone,  
15 and especially for the hospitals, for the fire and  
16 police departments.

17 And, of course, for our wonderful  
18 industrial customers who can often only, actually,  
19 cannot take a flicker of a light. They need  
20 continuous power.

21 The Harris plant is an important, no, it  
22 is an essential part of our balanced solution to  
23 meeting those customer needs. We are applying to  
24 renew the Harris plant's operating license, because it  
25 is our responsibility to meet the needs of our

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1 customers today, as well as meet the needs of our  
2 customers tomorrow.

3 And we have an obligation, from the North  
4 Carolina Utilities Commission, to meet that need in  
5 the most cost-effective, environmentally responsible  
6 way.

7 And we believe that the Harris plant is  
8 the lowest cost option, it produces no greenhouse  
9 gases that contribute to global climate change. And,  
10 of course, we are not just mindful of producing the  
11 power, and meeting the needs of our customers.

12 We are also very mindful of our community.  
13 In fact we started the Energy Neighbor Fund,  
14 contributing more than 16 million dollars since 1982  
15 to help those customers who can't afford to pay their  
16 electric bills.

17 And just in 2002 we contributed over 12  
18 million dollars to support education, to promote  
19 economic development, and to protect our environment.  
20 We have over 10,000 employees who are in and out of  
21 these communities every day.

22 We also contributed from a tax revenue.  
23 When you think about it, in 2006, over 15 million  
24 dollars was given for this greater Wake County  
25 community, for tax revenues.

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1           Seven point four million was directly  
2 linked to the Harris plant. So, yes, we are part of  
3 the community, we have been here for a long time.

4           I do thank you for this opportunity, and  
5 I do want to let everyone know that we received 13  
6 favorable resolutions from our organizations, those  
7 are the chambers, the Urban League, and many others  
8 throughout our community. Thanks again.

9           FACILITATOR RAKOVAN: Thank you, Ms.  
10 Ragland. Mr. Jaffe, are you ready to speak now? All  
11 right, we will keep moving you down.

12           Elizabeth Rooks, from the Research  
13 Triangle Foundation.

14           MS. ROOKS: Good evening. My name is  
15 Elizabeth Rooks, I'm executive vice president for the  
16 Research Triangle Foundation.

17           The Research Triangle Foundation is the  
18 developer of the Research Triangle Park, a 7,000 acre  
19 science park, which houses 157 companies, and over 20  
20 million square feet of buildings, and employs more  
21 than 39,000 people.

22           RTF has been a major economic engine for  
23 the Triangle area, and for North Carolina as a whole.  
24 Provision of adequate, clean, cost-effective, reliable  
25 electricity is crucial to the maintenance, and future

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1 expansion, of companies in RTP.

2 For these reasons we support the license  
3 renewal of the Harris plant. Thank you.

4 FACILITATOR RAKOVAN: Thank you, Ms.  
5 Rooks. William D. Lynch, from the People's Channel.

6 MR. LYNCH: Hi, I'm actually videotaping  
7 this for the People's Channel but, right now, I'm not  
8 representing the People's Channel.

9 Why are you all here? Are your heads  
10 tired, a lot of science, politics, economics? It may  
11 be because I'm a new resident to Chatham County, who  
12 is anti-nuclear, but is also curious about the whole  
13 issue, which isn't just are you against or for the  
14 plant, the renewal, another plant.

15 Are you scared of the plant, are you  
16 wanting the plant? Or maybe because this opportunity  
17 to come to a meeting, to speak with the NRC, to speak  
18 with and listen to other community members who are  
19 very well versed in what their agenda is, to present  
20 to the public.

21 What I have seen of the public's  
22 discussion of the issue is impassioned, desperate  
23 perhaps, fearful, and unfortunately not as informed as  
24 we could be.

25 I like to put the onus, the responsibility

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1 on the public, on us, to figure an issue. I worked  
2 for ABC News for many years. That doesn't mean a  
3 thing. I have the benefit of their library, and when  
4 Three Mile Island happened, and when the arms build-up  
5 in the '80s happened, I got involved in the anti-  
6 nuclear movement, and the anti-weapons movement.

7 But I realized, when somebody said to me,  
8 on the street, handing out a leaflet, you don't know  
9 what you are talking about. All the literature out  
10 there is a lot to read, isn't it?

11 But to study the beast, or the benefit, is  
12 something we must do, right? That is why we are here.  
13 It is really serious. People joke. Like I was  
14 talking with one of the engineers from the NRC about  
15 the Simpsons being something that jokes about glowing  
16 reactors, and all this.

17 This is true. Why is this? Because are  
18 we scared of our ignorance of the issue, are we scared  
19 of the potential? When I drive across 64, and I see  
20 the cooling tower steaming away, and think of all the  
21 people boating, and having fun in the lake, and just  
22 the risk that exists, that is a gut fear.

23 Apex had the chemical fire, Three Mile  
24 Island had their thing, Love Canal had their thing,  
25 Virginia Tech had their thing. The unexpected can

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1       happen.

2                   And that is why I'm actually more in the  
3 side of the military running plants than commercial  
4 ventures, because of the risk of profit overriding  
5 safety.

6                   But thank God the NRC is there, and that  
7 there are people who oversight, and that there is  
8 oversight, and there is review. But as we know, from  
9 Katrina, as we know from so many things, it is not  
10 enough.

11                   The responsibility is on us. As Progress  
12 Energy rate payers, as future rate payers if there is  
13 a new plant, as parents, citizens, Americans,  
14 taxpayers.

15                   I registered as a republican today, just  
16 so that I can come and say, I'm a republican for  
17 viewing the nuclear plant. My wife will kill me, I  
18 don't care, it is just kind of a joke to me, democrat,  
19 independent, republican, it doesn't matter.

20                   A suit, regular clothes, we are all in the  
21 same boat. So I don't have anything, really, to say,  
22 other than start reading, start talking to your  
23 friends and neighbors, start thinking non-partisan,  
24 about this issue.

25                   Because it is that important. The fire

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1 safety issues, the bizarre potential of an evacuation  
2 being jammed up, and any kind of a reaction to get  
3 away from an accident to me is crazy.

4 But I have a lot more to learn about it.  
5 It is easy to say stuff. People talk a lot, there is  
6 not much real dialogue. American Idol is what people  
7 watch, isn't it? But do they watch the news, do they  
8 stay with an issue?

9 I hope that everybody leaves here,  
10 tonight, with a different perspective. It is not  
11 about who is sitting here, or sitting there, or  
12 talking. It is what do we do at this point in our  
13 history about our energy use, and the safe development  
14 of it.

15 Because this place is developing, North  
16 Carolina, the country, at an incredible rate. And is  
17 nuclear going to be one of the answers? Thank you.

18 FACILITATOR RAKOVAN: Thank you, Mr.  
19 Lynch. Ed Bonner, from Caldwell Banker.

20 MR. BONNER: Hello. My name is Ed Bonner,  
21 and I'm a member of the Board of Directors of the  
22 Raleigh Chamber of Commerce.

23 And I would like to respectfully submit,  
24 for the record, a resolution passed unanimously, by  
25 the general membership of the Raleigh Chamber,

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1 supporting the extension of Progress Energy's license  
2 to operate the Shearon Harris nuclear plant.

3 Without reading the entire resolution we  
4 support the license extension based on renewing the  
5 Harris plant's license will ensure Progress Energy can  
6 continue to meet the growing Triangle area's need for  
7 electricity in a safe, efficient, and affordable  
8 manner.

9 The Harris plant provides electricity to  
10 more than 55,000 residents, and businesses, in the  
11 Triangle. The Harris plant has been operating for 18  
12 years and, over that time, has consistently been  
13 ranked, by its peers, as among the top nuclear plants  
14 in the country, in terms of safety, production, and  
15 cost.

16 Progress Energy has a 35 year track record  
17 of operating nuclear plants safely, and securely. The  
18 Harris plant continuously updates equipment, and  
19 undergoes constant oversight and scrutiny by the  
20 Nuclear Regulatory Commission.

21 And, finally, Progress Energy's commitment  
22 to our community. The membership of our chamber  
23 recognizes that extending the operating license of the  
24 Harris plant is an important part of meeting our  
25 community's growing electricity needs, and asks this

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1 Commission to extend the license of the Shearon Harris  
2 nuclear plant. Thank you very much for your time.

3 FACILITATOR RAKOVAN: Thank you, Mr.  
4 Bonner. Scott Lasell, from the American Nuclear  
5 Society.

6 MR. LASELL: Good evening. My name is  
7 Scott Lasell, and I'd like to thank you for having the  
8 opportunity to speak this evening.

9 I'm the Chairman of the Eastern Carolina  
10 Section of the American Nuclear Society. And I have  
11 been employed as a staff member in the Department of  
12 Nuclear Engineering at NC State, since 2000, and I  
13 have been in the nuclear field since 1994.

14 I entered my profession because I believe  
15 that nuclear technology provides many benefits to our  
16 society, and improves our quality of life. I also  
17 believe, from many years of interactions with nuclear  
18 professionals, from Progress Energy and the NRC, that  
19 nuclear technology is being used safely for the  
20 generation of power here in North Carolina.

21 I would, therefore, like to go on record  
22 as supporting the relicensing of the Shearon Harris  
23 plant, by the NRC, because I believe that nuclear  
24 energy is a reliable and environmentally sound, and  
25 above all else, a safe form of power generation.

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1           In my 12 years of experience, working at  
2 three different nuclear research reactor facilities,  
3 I have been continually impressed with the dedication  
4 and commitment of the nuclear professionals with whom  
5 I have come in contact.

6           This includes the scientists and staff  
7 responsible for the operation and utilization of the  
8 facilities, and the NRC inspectors, and examiners,  
9 that regularly visit the facility, to assure the safe  
10 operation, and regulatory compliance.

11           In the past three years I have had the  
12 opportunity to become involved with the local section  
13 of the American Nuclear Society. In the numerous  
14 society functions and meetings I have attended, I have  
15 interacted extensively with personnel from Progress  
16 Energy, both from the corporate offices, and the  
17 Harris plant.

18           Without exception I have found these  
19 professional men and women to be of the highest  
20 caliber, possessing a good questioning attitude, and  
21 ensuring understanding of the technical concepts  
22 presented at section meetings.

23           Their strong commitment to their  
24 profession, and to excellence and safety in nuclear  
25 plant operations, is evident.

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1           So, to summarize, my professional  
2           experience has given me an appreciation of the clear  
3           benefits of nuclear technology. And, as importantly,  
4           trust and respect for the people that are responsible  
5           for ensuring its safe deployment and utilization here  
6           in North Carolina.

7           In closing I simply ask the NRC to  
8           carefully and thoughtfully execute your  
9           responsibilities as related to the renewal of the  
10          Harris plant license, and support the ongoing  
11          generation of electricity with nuclear power. Thank  
12          you.

13          FACILITATOR RAKOVAN: Thank you, Mr.  
14          Lasell. Tony Gurley, from the Wake County government.

15          MR. GURLEY: Good evening. I'm Tony  
16          Gurley, currently serving as Chairman of the Wake  
17          County Board of Commissioners.

18          You heard, earlier, from John Rukavina,  
19          our public safety director. I would like to express  
20          my personal support for the license renewal for  
21          Progress Energy's Shearon Harris facility.

22          My responsibility as a county commissioner  
23          is to prepare for the growth in our county, while  
24          improving the quality of life for all citizens. I  
25          have found Progress Energy to be a willing and capable

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1 partner in my efforts, over the past five years.

2 Progress Energy, through its capable  
3 employees, have contributed in a very positive manner,  
4 as a responsible corporate citizen. Most importantly  
5 the services and the energy produced by Progress  
6 Energy are needed and are essential to the continued  
7 growth of this area.

8 I'm proud to offer my support and gladly  
9 offer my thanks for the many contributions from  
10 Progress Energy to the citizens of Wake County. Thank  
11 you.

12 FACILITATOR RAKOVAN: Thank you, Mr.  
13 Gurley. I have one person who said that she may or  
14 may not want to speak. Donna Alexander, yeah or nay?  
15 All right, it looks like it is a yeah.

16 MS. ALEXANDER: Good evening. My name is  
17 Donna Alexander, and I'm a Progress Energy employee.  
18 I have been with the company for 25 years. It has  
19 been a very long and rewarding career.

20 And I'm a native of the area. I have  
21 worked in many different facets, from engineering to  
22 quality assurance, regulation affairs, licensing ops,  
23 and I'm now responsible for the environmental and  
24 chemistry area.

25 I am -- I can personally attest to the

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1 company's commitment to the environmental protection,  
2 both from a radiological and non-radiological  
3 programs.

4 I am proud to work with a dedicated team  
5 of individuals at the plant. Many long time employees  
6 that provide the essential energy for the area. And  
7 I can say that decisions made at the plant safety is  
8 considered first and foremost in all decisions that  
9 are made, both personal safety and nuclear safety.

10 And I'm excited to be a part of the  
11 extended operating license for the Harris plant.

12 FACILITATOR RAKOVAN: Thank you, Ms.  
13 Alexander. Mr. Jaffe, that was the last card I had  
14 except for yours.

15 MR. JAFFE: I appreciate that. Herman  
16 Jaffe, Apex, North Carolina. I made a few comments  
17 earlier this afternoon. I would like to enlarge on  
18 them a little bit, since I learned, by coming here  
19 this afternoon, that Shearon Harris and the News  
20 Observer article I was going by, that limited the  
21 items open for discussion, NRC is open to some  
22 environmental input.

23 The newspaper article stated that Shearon  
24 Harris supplies 12 percent of Progress Energy's  
25 capacity now. That is a small amount when I look at

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1 the study done for the North Carolina State Utility  
2 Commission, as directed by the State.

3 The study states that we can get ten  
4 percent of our electric needs from solar and wind if  
5 we develop them. The associate, Mr. Jonathan Winter,  
6 also agreed with me that the new environmentally sound  
7 compact fluorescent light bulbs, now on the market,  
8 will reduce demand by at least 25 percent over the  
9 next few years.

10 Progress, two years ago, reported capacity  
11 on hand to us through 2016, with no increase in  
12 capacity needed. Now you take these numbers, and they  
13 tell us that we really don't need Shearon Harris, or  
14 any other nuclear or coal plants at this time.

15 By 2016 California's public gas and  
16 electric, which is one of the largest, if not the  
17 largest in the United States, is instituting a  
18 program, right now, to boost electric car power for  
19 the grid, on demand, and will be in operation within  
20 the next four or five years.

21 They are planning on using something like  
22 the new Honda electric car that is due for sale to the  
23 public in 2009. You can read about this in this  
24 article here, in the newspaper, but you folks don't  
25 get this kind of newspaper, it is a weekly that goes

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1 out world-wide, it is called the Epic Times.

2 That is why this is not the time to  
3 consider a license extension, as I said earlier.  
4 Progress should be spending time studying places like  
5 Wakeland, Florida's utility plant, where they have  
6 leasing solar hot water heaters to their rate payers.

7 There are several other reasons, I said,  
8 that let's us want to consider not the extension at  
9 this time, but to wait ten years. We may be, by that  
10 time, considering shutting Shearon Harris down, and  
11 that is a fact of life.

12 I know I heard about 11 people praising  
13 Progress Energy to the hilt, and I can appreciate why.  
14 But, you know, the world changes, things change, and  
15 it is time that you guys got out there and looked a  
16 little bit beyond your rose colored lenses.

17 I thank you for your consideration and I  
18 would like to speak to that gentleman who was so  
19 concerned about the children. Thank you.

20 FACILITATOR RAKOVAN: Thank you, sir.  
21 Thank you for attending both of our meetings. You are  
22 one of the few that did.

23 That is the last yellow card that I have.  
24 I wanted to open things up for those -- okay, if you  
25 want to speak, please come up. If you could introduce

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1 yourself and let us know if you are with any sort of  
2 group, or affiliation?

3 MS. CLEMENTS: Good evening, and thank you  
4 for the opportunity to speak tonight. My name is  
5 Jackie Clements, I'm a retired employee of Progress  
6 Energy. I retired in 2005, after 32 years of service.

7 And I'm here to personally attest to my  
8 complete confidence and trust in the ability of  
9 Progress Energy to continue to operate the Shearon  
10 Harris plant, which we need, in the most safe,  
11 reliable, efficient operation.

12 I have worked with the management teams,  
13 and employees of the Shearon Harris plant, during the  
14 construction of the plant, as well as after it went  
15 into commercial operation.

16 As Ms. Alexander spoke to, I can also  
17 attest to being a part of seeing, first-hand the  
18 conservative decisionmaking that is used in our  
19 nuclear safety programs to ensure the highest degree  
20 of safety to employees, the plant, and the public.

21 My husband and I, after having different  
22 assignments in other states, moved back to North  
23 Carolina, and chose to locate in Apex, North Carolina.  
24 I currently volunteer in the emergency department in  
25 a local hospital.

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1           And when nuclear power is brought up I  
2           have the opportunity to talk with residents, and I  
3           tell them, and I'm genuine in saying this, if there  
4           were a natural disaster, the first place I would want  
5           to be would be inside the containment building at the  
6           Shearon Harris nuclear power plant.

7           I appreciate the opportunity to speak  
8           tonight, to you. And, again, I'm in favor the license  
9           renewal. We need the plant to meet customer growth.  
10          It is clean power.

11          The management team at Progress Energy, as  
12          well as the employees, have a culture of acting with  
13          integrity, and the commitment to nuclear power is  
14          there on a daily basis, 24/7. Thank you very much.

15          FACILITATOR RAKOVAN: Thank you. Did you  
16          want to make a statement?

17          MR. DUNCAN: Good evening, and thank you  
18          for the opportunity. My name is Bob Duncan, I'm the  
19          site vice president at the Harris plant.

20          On May 2nd of this year the Harris plant  
21          will reach a major milestone in its history, 20 years  
22          of commercial operation; 20 years of providing power  
23          to our customers without incident.

24          In those 20 years of operation the Harris  
25          plant has generated over 130 million megawatt hours of

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1 power, enough to power over half a million homes for  
2 20 years.

3 At Progress Energy we believe a balanced  
4 solution is absolutely necessary for future growth.  
5 That balanced solution includes demand site  
6 management, energy efficiency, renewable energy  
7 sources, clean air technology, as well as new baseload  
8 nuclear power plants.

9 The Harris plant is essential to meeting  
10 the energy needs of our customers. And we meet those  
11 energy needs with zero greenhouse gas emissions. We  
12 have very real concerns about global warning.

13 It is good for our customers, and good for  
14 the environment, to take steps now, to ensure that the  
15 Harris plant continues to be that clean air energy  
16 source well into the future.

17 Renewing the plant's license will allow us  
18 to do exactly that. A recent Bisconti research  
19 national survey determined that 85 percent of the  
20 public believes that the U.S. should use every low  
21 carbon source available to generate electricity,  
22 including nuclear power.

23 And I agree with DOE Assistant Secretary,  
24 Dennis Bergen, when he stated recently: Any serious  
25 efforts to stabilize greenhouse gases in the

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1 atmosphere, while providing the increasing amounts of  
2 energy needed for economic development and growth,  
3 requires the expanded use of nuclear energy.

4 That obviously includes the retention of  
5 current capability through this license renewal  
6 process.

7 I'm here, today, representing 650  
8 employees who work at the Harris plant, many of whom  
9 are at this meeting tonight in support of the plant's  
10 license renewal. These are highly skilled,  
11 extensively trained professionals, who are dedicated  
12 in commitment to their work.

13 Understandably these employees, including  
14 me, are held to very high expectations by you, the  
15 public. We are responsible for safely operating a  
16 nuclear reactor. And that is a huge responsibility.

17 We come to work, every day, with our first  
18 priority, not to simply generate electricity, but to  
19 generate electricity in a sustainable way, that  
20 ensures the health and safety of the public, and the  
21 environment.

22 It is my responsibility to ensure that  
23 safety for every employee, and every member of the  
24 public. Safety has, and always will be, our top  
25 priority.

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1           In 2006 the Harris plant received its  
2           third consecutive Institute of Nuclear Power  
3           Operations Excellence Award, recognizing it as a top  
4           safety performer in the entire U.S. industry.

5           We also have an obligation to produce  
6           power in a cost effective manner. The Harris plant  
7           helps Progress Energy do that. We consistently rank  
8           high in the industry, in this category, and in the  
9           year 2002, and 2005, the Harris plant was the lowest  
10          cost energy provider in dollars per megawatt  
11          generated, of any nuclear plant in the country.

12          We also have a three year capacity factor  
13          of well over 93 percent. That means we are on line  
14          over 340 days of the year. We are privileged to  
15          provide power for the community, and we take that  
16          responsibility very seriously.

17          It is important to clarify that if our  
18          application is approved, that does not give us carte  
19          blanche to operate for an additional 20 years. We  
20          have to earn that license every minute of every day,  
21          by our performance.

22          We are a good neighbor, and a capable  
23          corporate citizen. And we intend to preserve what has  
24          been entrusted to us, and that is our commitment to  
25          you.

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1 Thank you, again, for this opportunity.

2 FACILITATOR RAKOVAN: Thank you, sir.

3 Anyone, additionally, that has not made a comment,  
4 like to come up and make a comment?

5 (No response.)

6 FACILITATOR RAKOVAN: Okay. Seeing no  
7 one, I will introduce Rani Franovich, who is the  
8 branch chief for environmental review for license  
9 renewal at the NRC, for a few wrap-up type items.  
10 Rani?

11 MS. FRANOVICH: Thank you, Lance. I just  
12 want to take a minute and thank everyone who came and  
13 offered their comments to us. This is a very  
14 important part of our process, our review process.

15 In the environmental review for license  
16 renewal it is very helpful to us to come out to the  
17 communities, listen to the people who live here, their  
18 concerns, and get information from them on the  
19 environmental impacts that we might need to consider.

20 You are the ones who live here, you know  
21 your community better than we do, so we appreciate  
22 your willingness to come out to our meeting tonight.

23 I wanted to remind everyone that the  
24 opportunity for hearing closes on May 19th, if you  
25 have any concerns that you want to proffer to the NRC

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1 as contentions, please do so by May 19th.

2 And, also, the scoping comments will be  
3 received until May 19th, as well. So if you have any  
4 comments that you would like to provide, information  
5 you would like the NRC to consider in its  
6 environmental review, please provide it to us by May  
7 19th.

8 Also wanted to indicate that we have  
9 public meeting feedback forms. You may have received  
10 one when you registered for the meeting out in front.

11 If you have any suggestions for how we can  
12 do our meetings different, how we can do them better  
13 in the future, any ideas, at all, on how we can  
14 improve our public meetings, we would like to hear  
15 from you.

16 Please take the time to fill out the form.  
17 You may leave it with a member of the NRC staff, or  
18 you can take it home, fill it out later, and put it in  
19 the mail. I think postage is prepaid.

20 The NRC staff, members of the staff, will  
21 be around for a few minutes after the meeting, if  
22 anyone would like to come and talk with us about  
23 questions you may have, we will certainly be around.

24 I would like to ask the NRC staff to  
25 please stand so members of the public can see who you

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1 are. These are the folks who are available to talk  
2 with you, if you would like to spend a few minutes  
3 with us after the meeting, we would be delighted.

4 And, with that, thank you again for  
5 coming.

6 (Whereupon, at 8:22 p.m., the above-  
7 entitled matter was concluded.)

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# Exhibits





# North Carolina Electric Membership Corporation

## NRC Hearing for Harris Plant Relicensing April 18, 2007

Good afternoon. I am Nelle Hotchkiss, Senior Vice President of Corporate Relations at the North Carolina Electric Membership Corporation which provides electricity to 26 rural electric cooperatives serving over 800,000 meters across the state.

North Carolina Electric Membership Corporation is a wholesale customer of Progress Energy Carolinas. The Harris Plant is an important part of Progress Energy's energy resources. Extending the life of a well run existing plant in today's global environment of rising energy costs and environmental sensitivity provides for the continuation of emission free, reliable power at the lowest possible cost to the citizens of North Carolina including our membership.

In a broader context nuclear power is essential to a balanced portfolio for any energy company in North Carolina. North Carolina Electric Membership Corporation has interest in a nuclear plant as well and supports the continuation and development of nuclear resources in the state.

We support the relicensing of the Harris Plant and encourage the Nuclear Regulatory Commission to do so.

**NRC public meeting on Harris Plant license renewal**  
**April 18, 2007**  
**1:30 p.m. and 7 p.m.**

- **Thank you for this opportunity – I am Hilda Pinnix-Ragland, the vice president of Progress Energy’s Northern Region, which includes a 16-county area in central/northern North Carolina.**
- **I oversee the part of the company that is responsible for making sure our customers – commercial, industrial and residential – receive the electricity they need to power their homes and businesses.**
- **We need a reliable, 24/7 flow of power to meet the needs of all of our customers, but especially for customers like hospitals, fire and police departments, industrial customers who can’t operate without the guarantee that there won’t be so much as a flicker of their lights.**
- **The Harris Plant is an important – in fact, an ESSENTIAL – part of our company’s balanced solution to meeting our customers’ needs. We are applying to renew the Harris Plant’s operating license because we have a responsibility as an electric utility to ensure we have enough electricity to meet their needs now and in the future.**
- **And we have an obligation – under the direction of the NC Utilities Commission – to meet that need in the most cost-effective, environmentally-responsible way we can. The nuclear power generated at the Harris Plant is the lowest cost option and it produces no greenhouse gases that contribute to global climate change.**
- **We also are mindful of making an impact in the communities we serve, outside of our commitment to providing power. For example:**
  - **Our employees and customers have contributed more than \$16 million since 1982 to the Energy Neighbor Fund – the program we started to help our customers who cannot afford to pay their power bills**
  - **In 2006, Progress Energy donated more than \$12 million in 2006 to enhance education, promote economic development and protect the environment in the communities we serve, and to support initiatives and institutions important to the company’s 10,000-plus employees.**
  - **Progress Energy also has an important impact on the community in terms of the tax revenue we provide to the area – in Wake County alone, \$15.1 million was paid to Wake County in 2006, of which \$7.4 million was directly related to the Harris Plant. And we positively impact the economies of several other counties – Chatham, Orange, Lee, Harnett, and others – through the thousands of employees who live in all of these counties.**

## **NRC License Extension Hearing – Shearon Harris NPP**

I am David N. McNelis, a research professor at UNC in Chapel Hill with a dual appointment in the Institute for the Environment and the Department of Environmental Sciences and Engineering. At UNC, I teach courses in energy and the environment and treat both transportation fuels and systems and conventional, renewable and nuclear electricity power production. I am also an adjunct professor in the Department of Nuclear Engineering at NCSU. With my colleagues and students at NCSU we are working in a number of areas related to the nuclear power industry, i.e., non proliferation, risk assessment, spent fuel heat evolution and transmutation. This last area, transmutation or the transformation of spent nuclear fuel components into materials that are less radiotoxic, have shorter half-lives, produce less heat or are stable, reduce fissile content, and/or lessen the burden on the repository, is the area of my principal interest. My research is privately funded and includes sponsoring some of the graduate students at NCSU and a number of interacademy projects with the U.S. and the Russian Academy of Sciences.

I am here to speak in favor of extending the license for the Shearon Harris Nuclear Power Plant. The Progress Energy staff has demonstrated over the past 20+ years that it is fully capable of safely operating the facility and storing the spent assemblies in pools and in dry casks. I am convinced that they are fully capable of also preparing the assemblies for shipment when the repository or an interim storage site is available. Operationally, since 1987, Shearon Harris has increased its capacity factor from 70.52 to just over 89.16% in 2006 – a refuel outage year. It has also been uprated by the NRC in 2001 by 4.5% bringing it up to its current 900 MWe rating. The global nuclear power industry now has, according to my estimates, over 12,000 reactor years of operational experience. {~8,000 reactor years post Chernobyl}. The storage pool at Shearon Harris was originally built to store the spent fuel assemblies from the four reactors for which the site was originally designed. There is, of course, only one reactor at the site and the pool currently holds of its own fuel, again according to my estimates, less than 25% of its capacity of 8,400 assemblies and with its own fuel, will only be at approximately 75% of its capacity at the end of the relicensed period.

Shearon Harris is contributing to the provision of the base load of electricity that we, the consumers, are demanding; is contributing to our national goal of achieving energy independence; and its operation is not contributing to the tropospheric loading of green house gases. Shearon Harris is also a member of the local community. Its management communicates with and advises local and State officials on matters related to its operation; communicates with the public through its visitor's center and its outreach programs; and participates with local and State organizations in safety related drills and exercises. I have toured the facility and periodically talk with some of the plant's employees. They have earned my confidence and I am pleased to speak in support of this application to extend the license for the Harris facility for an additional 20 years.

Thank you

**David N. McNelis, Ph.D.**  
**University of North Carolina at Chapel Hill**  
**April 18, 2007**



## Shearon Harris Nuclear Plant

June 12, 2007 will be a significant day for our community. Over the last year, our region has grown by 100 new residents every day. At this rate, our MSA population should reach 1 million people on June 12!

Over the past twelve months, our area received many high rankings and accolades by leading magazines.

- Raleigh the #1 Best Place for Business and Careers, *Forbes* magazine
- Raleigh-Cary the #8 Fastest Growing Metro in the Nation, US Census Bureau
- Raleigh-Cary #1 Best US City for Jobs, *Forbes*
- Raleigh-Cary Top 50 Hottest Cities for Expanding and Relocating Companies, *Expansion Magazine*
- Raleigh-Durham Top Ten Tech Town, *Wired Magazine*
- Wake County #1 School District in the Nation for Certified Teachers, National Board of Certified Teachers
- Wake County Schools Gold Rating, *Expansion Management's Education*


These ratings result in dynamic economic growth in our area, and that growth requires a phenomenal amount of energy to meet new demand.

The Shearon Harris Nuclear Plant currently supplies power to more than 550,000 residences and businesses and provides 12 percent of the total electricity generated by PE Carolinas. The plant generates more than 7.9 million megawatt-hours of electricity and approximately \$10 million in taxes to Wake County annually.

It is a proven fact that nuclear energy produces no greenhouse gas emissions that can lead to ozone formation or acid rain. Updating of equipment and constant oversight by the Nuclear Regulatory Commission is ongoing.

Because Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and has consistently been ranked among the top nuclear plants in the country in terms of safety, production and cost, the Greater Raleigh Chamber of Commerce strongly supports a 20-year operating license extension for the Shearon Harris Plant. This extension will allow the plant to operate until 2046 and continue to provide safe, efficient and economical power.

We strongly encourage you, the citizens, to support the extension as well.

  
Harvey A. Schmitt, CCE  
President and CEO  
April 18, 2007

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**License Renewal Application for Shearon Harris Nuclear Power Plant**

**Wednesday, April 18, 2007 – 1:30-4:30p.m.**

**Comments by Robert J. Ahlert**

**Mr. Heath, Mr. Hernandez and members of the NRC and NRR, thank you for allowing me to speak at this hearing. My name is Robert J. Ahlert. I live at 100 Cherry Laurel Drive, Clayton, North Carolina 27527. I have lived at this address since 1995 – 12 years. I serve on the Town Council and have done so for over 9 years. I am currently the Mayor Pro Tem.**

**Clayton is located in western Johnston County, about 20 minutes from the state capital in Raleigh. Clayton is the fastest growing town in the fastest growing county in North Carolina. The population of Clayton is over 13,000. Clayton operates it's own electric utility system that was established in 1913. We serve over 5,100 customers, and growing.**

**I also represent the Town of Clayton as a commissioner of the North Carolina Eastern Municipal Power Agency. The 32 member cities have a combined population of over 420,000 and serve more than 250,000 electric power customers.**

**In order for the Power Agency to provide electrical power to it's members it has invested in a number of Progress Energy's generating plants. The Agency owns 18.33% each of the Brunswick 1 and 2 nuclear generating plants located about 16 miles south of Wilmington, North Carolina. You recently granted an operating license renewal for these two plants. The rated capacity of these plants is 938 MW and 937 MW respectfully. The Agency owns 16.17% of the Mayo plant and 12.94% of the Roxboro plant. These are coal fired generating plants located in Person County, North Carolina. The rated capacity of these plants are 741 MW and 698 MW respectfully. The Agency owns 16.17% of the Shearon Harris nuclear generating plant located in southwestern Wake County, North Carolina, the subject of this operating license renewal hearing. The rated capacity of this plant is 900 MW.**

**The Agency's share of the Shearon Harris rated output is 146 MW. This represents approximately 10% of the Agency's generating capacity and 12% of it's energy requirements. The Harris plant has provided safe secure economical power to the Agency, it's members and their customers for almost 20 years.**

**Should the NRC/NRR not grant an operating license renewal for the Harris plant, beginning in 2027, the Agency, including the Town of Clayton, would have to purchase power from other sources to meet the needs of it's customers. Seeking other sources without the Shearon Harris output would undoubtedly direct the Agency to other higher cost fossil fuel generating plants in the southeast. This is assuming there would be transmission capacity available to deliver the power to the Agency members. In addition to the economic impact, consideration should be given to the negative impact of replacing clean nuclear power with fossil fuel power that generates greenhouse gases, carbon monoxide, sulfur dioxide, mercury and nitrogen oxides. Likewise, conservation measures would not be sufficient to offset the lost output from the Harris plant.**

**In closing, the Town of Clayton and the Eastern Municipal Power Agency endorse the application of Progress Energy to renew the operating license for it's Shearon Harris nuclear generating plant. Premature closing of the plant would have a negative economic impact for the more than 425,000 citizens in the Agency municipalities and the more than 250,000 electric customers they serve.**

**We encourage you to give favorable consideration to a safe and secure operating license renewal of the Shearon Harris plant for the economic and environmental reasons as previously stated.**

**I will be happy to answer any questions you might have at the appropriate time.**

**Thank you.**

A handwritten signature in black ink, appearing to read "Robert J. White". The signature is written in a cursive style with a large initial "R".

Now let me add to my earlier comments about SH since the N. Co article limited the item open for discussion and I learned earlier today that the N. Co is open to environmental input. The newspaper article stated that SH supplies 12% of Progress' capacity now.

That is a small amount when I look at the study done for the N. Co State Utility Commission as directed by the State. The study by La Caze Assoc. of Boston, Mass. states that we can get 10% of our electric needs from solar and wind if we develop them. The associate Mr. Jonathan Weiner also agreed with me that the new environmentally sound compact fluorescent bulbs and the light emitting diodes now on the market will reduce demand by 25% over the next few years. Progress two years ago reported capacity on hand to see us through 2016 with no increase in capacity. Now you take these numbers and they tell us that we really don't need SH or any other coal or nuclear plant now. By 2016 California P. Co and 2's program to boost electric cars to power the grid for peak demand will be in operation for five years. They are planning on Honda's new electric car that is due for sale to the public by 2009. You can read about it in this article.

That's why this is not the ~~time~~ time to consider a license extension. Progress should be spending time studying Lakeland, Florida's utility of leasing solar hot water heaters to their ratepayers. These are several reasons I said lets wait ten years to consider license extensions. We may be better off considering spending \$1.6 Billion.

Thank you,  
Herman Hoff 4/18/07  
HERMAN HOFF

Here is another system that can do it all.

# PG&E Eyes Power Grid Plan to Boost Electric Cars

SAN FRANCISCO (Reuters)—California's biggest utility, Pacific Gas & Electric Co., is considering a plan to charge fleets of battery-powered cars overnight with wind energy and let consumers sell back some of the stored electricity during the day.

In addition to reducing oil consumption and greenhouse gas emissions from standard cars, the plan could help stoke production of plug-in hybrid electric vehicles and give power managers more energy capacity on the grid for hot summer afternoons, speakers said at a "clean technology" investment conference in San Francisco last week.

The utility, a subsidiary of PG&E Corp., "could recharge car batteries through electric outlets during the off-peak overnight hours and recharge the grid from the batteries during critical peak demand periods," Hal LaFlash, director of energy policy and planning at PG&E, said.

In California, wind power is the biggest renewable source, with more than 2,500 megawatts. Some 4,600 megawatts of wind are projected to be added to meet the state's goal for renewable supplies, LaFlash said.

Minneapolis-based Xcel Energy also is studying smart-grid technologies and recharging hybrid electric vehicles and feeding excess power back to the grid.

A six-month study in Colorado found that electric cars may reduce the overall cost of owning a car, and with new grid technology, cut harmful vehicle emissions by up to 50 percent.

## Five to Six Years Away

More studies will include plug-in electric vehicle field tests, and examine management of battery charging along with the availability of renewable energy, Xcel said.

A power grid-to-car-batteries hookup, however, is probably at least five to six years away, Felix Kramer, founder of CalCars, said at the cleantech conference.

CalCars is a nonprofit group which has built about 20 plug-ins since 2004 by outfitting the Toyota Prius with new lithium-ion batteries.

Improving battery technologies to boost energy density at lower weight and cost is a hurdle, but progress on lithium ion battery packs could help develop a bigger market for plug-in cars, Kramer said.

Drivers also may have to downsize their vehicle choices. Some electric cars are likely to be small and aimed at urban dwellers who do most of their motoring in or near cities, speakers at the conference said.

Jan-Olaf Willums, chairman of Norway's THINK Electric Car Co., is betting he will find a market in Europe and the United States for his two-seater "city" car. The company previously had ties to Ford Motor Co.

The company raised \$25 million in February and aims to double the funding amount by May, he said. It expects to begin production in Norway in September, with marketing focused first in Europe and then the United States.

PG&E's LaFlash said new "smart grid" technologies such as high-tech meters that measure electricity use via remote control and give customers timing and pricing options could help drivers charge their batteries at home or parking lots and also get a bill credit for putting excess electricity back on the grid.

Utilities and grid managers would limit the amount of energy uploaded from batteries, he said. Metering and billing systems would be equipped to match a car to an account.

More than 20 states have adopted measures ordering electric utilities to add more renewable cleaner energies such as wind, solar, geothermal, and biomass to their energy supplies.

In addition to cars, connections could be made from homes and office buildings to a smart grid, storing energy at off-peak and delivering more capacity to the grid at peak periods, LaFlash said.

**'PG&E aims to] recharge the grid from the batteries during critical peak demand periods.'**

—Hal LaFlash,  
PG&E

Herman Jaffe 1-719-234-9574 629-2672  
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760-276-2

The Epoch Times  
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Newspaper Classifieds  
Phone: 212-693-8888  
Fax: 212-693-8886  
Email: nyclassified@epochtimes.com



There are several reasons not to extend the license extension of Shearon/Harris nuclear plant (SH). The most important is that SH has been stalling for 15 years and now asks for another 10 years to correct wiring and fire walls. This is material installed originally by the builders of SH and approved by you. SH is spending 500,000 dollars a year on a fire watch system, approved by you, hoping to prevent a major fire.

The next reason not to extend the license is that it was built to last 40 years and is wearing out much as a car that was built to last 100,000 miles and has run over 50,000 miles. There are parts of the plant that can not be measured for durability and useful life just as a old cars engine and drive train can only be estimated. When a piece of equipment is designed for 40 years use there are hidden weakness to consider as it ages. Lets wait 10 years.

SH has stalled on replacing known unsafe fire walls and wiring and does not qualify as a responsible operator. The corrections must be made before you the NRC consider the license extension that SH has asked for.

This is really a public relations play by Progress Energy.

Thank you.

Herman Jaffe 4/16/07

HERMAN JAFFE

209 OLD GROVE L.A.

APEX, N.C. 27502

919-629-2672

e-mail [Hjaffe@NC.RR.ORG](mailto:Hjaffe@NC.RR.ORG)

Here are several reasons not to extend the license of Spesson Haven Nuclear Plant. (SH) The most important is that SH for 15 years has stalled the NRC on improving the fire walls and wiring originally installed. SH is spending \$500,000 per year on a fire water system hoping to prevent a major fire. The next reason not to extend the license is that it was built to last 40 years and is degrading much as a car built to last 100,000 miles and has run 50,000 miles. There are parts of the plant that cannot be measured for durability just as a cars engineer drive train. When a piece of equipment is designed for 40 years use after 20 years there is hidden gas weakness to consider. SH has stalled ~~the~~ <sup>you</sup> on replacing clearly weakened fire walls. This must be repaired before an extension to operate this plant is given. considered. Progress energy is using this hearing as a public relations ploy.

Thank you.

Herman Joffe 4/16/07

209 old Shore Lane

apt 102 22532

919-269-2672.



### NRC PUBLIC MEETING FEEDBACK

Category

3

Meeting Date: 04/18/2007 Meeting Title: License Renewal Review Process and Environmental Scoping for Shearon Harris Nuclear Power Plant

In order to better serve the public, we need to hear from the meeting participants. Please take a few minutes to fill out this feedback form and return it to NRC.

1. How did you hear about this meeting?

- NRC Web Page
- NRC Mailing List
- Newspaper
- Radio/TV
- Other \_\_\_\_\_

	<u>Yes</u>	<u>No</u> <small>(Please explain below)</small>	<u>Somewhat</u>
2. Were you able to find supporting information prior to the meeting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Did the meeting achieve its stated purpose?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Has this meeting helped you with your understanding of the topic?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Were the meeting starting time, duration, and location reasonably convenient?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Were you given sufficient opportunity to ask questions or express your views?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Are you satisfied overall with the NRC staff who participated in the meeting?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

COMMENTS OR SUGGESTIONS: Thank you for answering these questions.

*Since I did not know that environmental issues were allowed today I did not point out that this area's water is in danger & also that I request plans on raising the level of Harris Lake if water can be allowed.*

Continue Comments on the reverse. ↗

OPTIONAL

Name H. JAFFE Organization \_\_\_\_\_

Telephone No. 719 6292672 E-Mail Hjaffe@nc.rr.com  Check here if you would like a member of NRC staff to contact you.

Public Protection Notification: If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

Please fold on the dotted lines with Business Reply side out, tape the bottom, and mail back to the NRC.

Talking Paper

**NRC Public Meeting  
April 18, 2007**

My name is Paul Fisher. I am an Alderman from the City of Southport, N.C. and I am Chairman of the North Carolina Municipal Power Agency (NCEMPA).

Southport is the home of Brunswick Nuclear Power Plant (Units 1&2). These units' license renewal was approved in 2006. Southport has found the Plants to be an important economic base for the community. In addition, the plants have operated in a safe manner and are good custodians of the environment and good neighbors.

The NCEMPA consist of 32 municipalities that have ownership in five (5) generating facilities, 3 nuclear and 2 coal. The agency owns 16.17% of the Harris Nuclear Plant. The Harris Plant provide part of the safe and reliable power to more than 250,000 power agency customers.

The Harris Plant is important to Progress Energy to ensure reliable power to me and other customers. The Plant does not depend on imported fuels and is environmentally responsive to concerns of global warming.

Progress Energy has an outstanding tract record and is recognized worldwide as an industry leader in safe and reliable nuclear operations.

The North Carolina Municipal Power Agency supports the continued safe and secure operations of the Harris Plant and encourages favorable consideration of the license extension request. See attached Resolution No EAR-5-06, dated 13 December 2006.

**W** HEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and like all nuclear plants, features multiple backup systems to ensure safe operation;

**W** HEREAS, the Harris Plant is closely monitored and observed by on-site inspectors who are employees of the federal regulatory authority, the Nuclear Regulatory Commission, whose mission is to ensure safe operation of the nation's nuclear plants;

**W** HEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site;

**W** HEREAS, nuclear energy produces no greenhouse gas emissions;

**W** HEREAS, domestic nuclear power generation helps the United States reduce dependence on unstable foreign energy supplies; and,

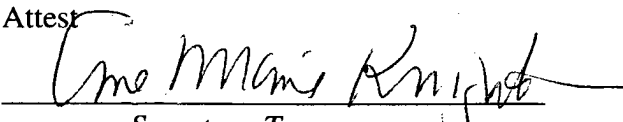
**W** HEREAS, the Harris Plant provides approximately \$10 million dollars in taxes to Wake County each year; now, therefore be it

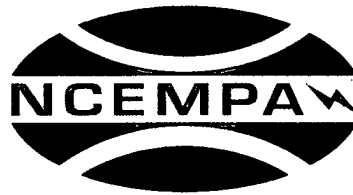
**R** ESOLVED that the Board of Commissioners of the North Carolina Eastern Municipal Power Agency supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Plant's operating license an additional 20 years.

**A** dopted this the 13th day of December, 2006.

  
Chairman, Board of Commissioners

Attest

  
Secretary-Treasurer



**Resolution of the  
Board of Commissioners  
of the  
North Carolina Eastern Municipal Power Agency  
in Support of the Continued Safe and Secure Operation  
of the Shearon Harris Nuclear Plant  
Resolution No. EAR-5-06**

**W** HEREAS, North Carolina Eastern Municipal Power Agency (NCEMPA) is comprised of 32 eastern participants and has a 16.17 percent ownership interest in the Shearon Harris Nuclear Plant (Harris Plant) in Wake County;

**W** HEREAS, the Harris Plant provides 10 percent of the capacity and 12 percent of the energy for the NCEMPA participants;

**W** HEREAS, the Harris Plant, which began operations in May 1987, provides a safe, efficient and economical source of electricity;

**W** HEREAS, in November 2006, Progress Energy Carolinas (PEC) intends to file with the Nuclear Regulatory Commission an application for a twenty-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046;

**W** HEREAS, renewing the Harris Plant's operating license will help ensure that PEC can continue to provide the electricity needed for the growing Triangle region;

**W** HEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides twelve percent of the total electricity generated by PEC;

**W** HEREAS, in 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation;

**W** HEREAS, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost;



**Resolution in Support of the Continued Safe and Secure Operation  
of the Shearon Harris Nuclear Plant**

WHEREAS, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and

WHEREAS, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

WHEREAS, renewing the Harris Plant's operating license will help ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

WHEREAS, In 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

WHEREAS, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost; and

WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and the plant features multiple backup systems to ensure safety; and

WHEREAS, the Harris Plant is closely monitored by on-site inspectors from by the Nuclear Regulatory Commission; and

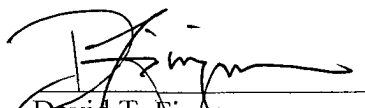
WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

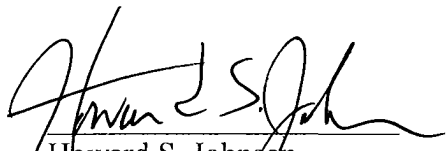
WHEREAS, nuclear energy produces no greenhouse gas emissions that contribute to global climate change; and

WHEREAS, nuclear power helps the United States reduce dependence on unstable foreign energy supplies; and

NOW, THEREFORE, BE IT RESOLVED that the Cary Chamber of Commerce supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

This the 17th day of January, 2007.

  
\_\_\_\_\_  
David T. Finger  
Chairman  
Cary Chamber of Commerce

  
\_\_\_\_\_  
Howard S. Johnson  
President  
Cary Chamber of Commerce



**Resolution in Support of the Continued Safe and Secure Operation  
Of the Shearon Harris Nuclear Plant**

WHEREAS, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and

WHEREAS, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

WHEREAS, renewing the Harris Plant's operating license will help ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

WHEREAS, in 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

WHEREAS, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost; and

WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and the plant features multiple backup systems to ensure safety; and

WHEREAS, the Harris Plant is closely monitored by on-site inspectors from the Nuclear regulatory Commission; and

WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

WHEREAS, nuclear energy produces no greenhouse gas emissions that contribute to global climate change; and

WHEREAS, nuclear power helps the United States reduce dependence on unstable foreign energy supplies; and

Now, Therefore, Be It Resolved that the Holly Springs Chamber of Commerce supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

Adopted this 24 day of January 2007



# FUQUAY-VARINA

*Area Chamber of Commerce*

## **A RESOLUTION IN SUPPORT OF THE CONTINUED SAFE AND SECURE OPERATION OF THE SHEARON HARRIS NUCLEAR PLANT**

**WHEREAS**, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and

**WHEREAS**, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

**WHEREAS**, renewing the Harris Plant's operating license will help ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

**WHEREAS**, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

**WHEREAS**, in 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

**WHEREAS**, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost; and

**WHEREAS**, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and the plant features multiple backup systems to ensure safety; and

**WHEREAS**, the Harris Plant is closely monitored by on-site inspectors from the Nuclear Regulatory Commission; and

**WHEREAS**, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

**WHEREAS**, nuclear energy produces no greenhouse gas emissions that contribute to global climate change; and

**WHEREAS**, nuclear power helps the United States reduce dependence on unstable foreign energy supplies; and

**NOW, THEREFORE, BE IT RESOLVED** that the Fuquay-Varina Area Chamber of Commerce supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

Adopted this 7<sup>th</sup> day of February, 2007.



Stephen M. Strader  
2007 Board Chair



**RESOLUTION IN SUPPORT OF THE CONTINUED SAFE AND SECURE  
OPERATION OF THE SHEARON HARRIS NUCLEAR PLANT**

WHEREAS, the Shearon Harris Nuclear Plant (hereinafter referred to as the Harris Plant), which went into operation in May, 1987, provides a safe, efficient and economical source of electricity; and

WHEREAS, in November, 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

WHEREAS, renewing the Harris Plant's operating license will ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

WHEREAS, in 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

WHEREAS, the Harris Plant has been consistently ranked by its peers as among the top nuclear plants in the country in terms of safety, production and cost; and

WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely; and

WHEREAS, nuclear energy produces no greenhouse gas emissions that can lead to ozone formation or acid rain; and

WHEREAS, the Harris Plant is continually updating equipment and undergoes constant oversight and scrutiny by the Nuclear Regulatory Commission; and

WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

WHEREAS, the Harris Plant provides approximately \$10 million dollars in taxes to Wake County each year; and

NOW, THEREFORE, LET IT BE RESOLVED that the Wake County Economic Development Commission supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

This is the 14<sup>th</sup> day of December, 2006.



Town of Morrisville  
Post Office Box 166  
Morrisville, North Carolina 27560

Phone: 919.463.6200  
Fax: 919.481.2907  
www.ci.morrisville.nc.us

## **Resolution in Support of the Continued Safe and Secure Operation of the Shearon Harris Nuclear Plant**

WHEREAS, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and

WHEREAS, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

WHEREAS, renewing the Harris Plant's operating license will help ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

WHEREAS, In 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

WHEREAS, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost; and

WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and the plant features multiple backup systems to ensure safety; and

WHEREAS, the Harris Plant is closely monitored by on-site inspectors from by the Nuclear Regulatory Commission; and


WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

WHEREAS, nuclear energy produces no greenhouse gas emissions that contribute to global climate change; and

WHEREAS, nuclear power helps the United States reduce dependence on unstable foreign energy supplies; and

NOW, THEREFORE, BE IT RESOLVED that the Wake County Mayors' Association supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

Adopted this the 19<sup>th</sup> day of February, 2007.

  
\_\_\_\_\_  
Jan Faulkner, President  
Wake County Mayors' Association



**Resolution in Support of the Continued Safe and Secure Operation  
of the Shearon Harris Nuclear Plant**

WHEREAS, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and

WHEREAS, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and

WHEREAS, renewing the Harris Plant's operating license will ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and

WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and

WHEREAS, In 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and

WHEREAS, the Harris Plant has been consistently ranked by its peers as among the top nuclear plants in the country in terms of safety, production and cost; and

WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely; and

WHEREAS, nuclear energy produces no greenhouse gas emissions that can lead to ozone formation or acid rain; and

WHEREAS, the Harris Plant is continually updating equipment and undergoes constant oversight and scrutiny by the Nuclear Regulatory Commission; and

WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and

WHEREAS, the Harris Plant provides approximately \$10 million dollars in taxes to Wake County each year;

800 South Salisbury Street  
PO Box 2978  
Raleigh, NC 27602-2978

T 919.664.7000 F 919.664.7097  
[www.raleighchamber.org](http://www.raleighchamber.org)

NOW, THEREFORE, BE IT RESOLVED that the Greater Raleigh Chamber of Commerce supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

This the 24th day of January, 2007.

**TOWN OF CLAYTON  
RESOLUTION IN SUPPORT OF THE CONTINUED  
SAFE AND SECURE OPERATION  
OF THE SHEARON HARRIS NUCLEAR PLANT**

**WHEREAS, the Shearon Harris Nuclear Plant (hereafter referred to as the Harris Plant), which went into operation in May 1987, provides a safe, efficient and economical source of electricity; and**

**WHEREAS, in November 2006, Progress Energy intends to file for a 20-year extension to the Harris Plant's operating license, allowing the plant to continue operating until 2046; and**

**WHEREAS, renewing the Harris Plant's operating license will help ensure that Progress Energy can continue to provide the electricity needed for the growing Triangle region; and**

**WHEREAS, the Harris Plant supplies power to more than 550,000 residences and businesses, and provides 12 percent of the total electricity generated by PE Carolinas; and**

**WHEREAS, in 2005, the Harris Plant generated more than 7.9 million megawatt-hours of electricity, the largest volume in its 18 years of operation; and**

**WHEREAS, the Harris Plant has been consistently ranked by its peers among the top nuclear plants in the country in terms of safety, production and cost; and**

**WHEREAS, Progress Energy has a 35-year track record of operating nuclear plants safely and securely, and the plant features multiple backup systems to ensure safety; and**

**WHEREAS, the Harris Plant is closely monitored by on-site inspectors from the Nuclear Regulatory Commission; and**

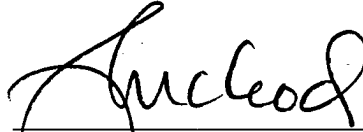
**WHEREAS, the 650 professionals who work at the plant and live in the community are committed to the safety and security of the site; and**

**WHEREAS, nuclear energy produces no greenhouse gas emissions that contribute to global climate change; and**

**WHEREAS, nuclear power helps the United States reduce dependence on unstable foreign energy supplies; and**

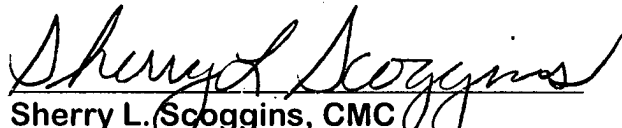
**NOW, THEREFORE, BE IT RESOLVED** that the Town of Clayton supports the continued safe and secure operation of the Harris Plant and encourages the Nuclear Regulatory Commission to extend the Harris Nuclear Plant's operating license an additional 20 years.

Duly adopted this 18th day of December 2006 while in regular session.



Jody L. McLeod  
Mayor

ATTEST:



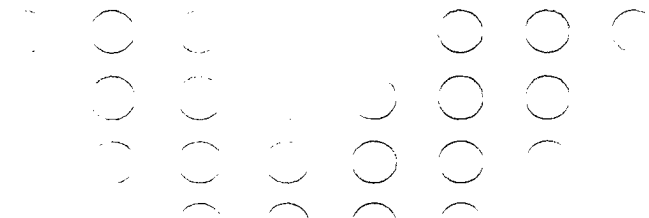
Sherry L. Scoggins, CMC  
Town Clerk



**edge**

**annual report**

***T h e P o w e r t o L e a d***





## Message from the Chairman

I want to thank each of the investors in the edge<sup>3</sup> program for continuing to support our economic development marketing activities during 2006, the second year of our program. As we embark on the third phase of our program, we can be very proud of all that was accomplished last year.

With the initial five-year goal of 50,000 new jobs set, we are proud to say that Wake County is exceeding the pace necessary to reach that goal. There were 29,759 more people employed in Wake County in December 2006 than there were in December 2005. In fact, Wake County announced 37 new and expanding companies resulting in 4,248 new jobs and \$445 million in new investment. Last year, the Wake County Economic Development staff worked on 174 new projects, participated in 105 client company visits, and made 85 existing industry calls.

The rapidly expanding global economy played a major role in building our local economy during 2006. Novartis announced a major vaccine plant in Holly Springs; Credit Suisse doubled its operation in RTP; Lenovo announced the location of its corporate headquarters in Morrisville; and RBC Centura broke ground on its US headquarters building in downtown Raleigh. Building local capacity to leverage these investment trends was a major objective last year, and, as a result, the North Carolina China Center was opened and the World Trade Center North Carolina was reorganized to become a part of Research Triangle Regional Partnership. NC State University and Shaw University signed memorandums of agreement with prestigious Chinese Universities, and the NC China Center opened offices in both Raleigh and the Suzhou Industrial Park. A group of business leaders and economic developers visited China in spring 2006, building a foundation for expanded business relationships in the upcoming year.

NC State continues to evolve into one of our most important partners in economic development, and we made significant strides in building this effort in 2006. It

was the second full year of our precision marketing effort and WCED developed unique, customizable marketing materials to promote the innovation occurring at the University. WCED attended nonwoven industry trade shows and met with numerous company officials that are actively engaged in research, or that are likely candidates to benefit from working with NC State in the future. Our focus in textiles last year was on marketing the materials developed in Year One and making sales calls on company decision makers. Work on our second phase of university based materials has begun and will focus on the areas of advanced medical design, medical devices, material science and medical textiles. The colleges of Engineering, Textiles, Veterinary Medicine, Design, and Management will all play a role in the development of these materials.

We continue to build on our existing industry clusters and a good example of these proactive strategies was participation in the Medical Design and Manufacturing (MD&M) trade shows. WCED staff, university professors, and edge<sup>3</sup> investors attended shows in Minneapolis and New York City. Several ads were placed in medical device magazines, and work has begun on a video outlining the assets that exist at our universities and existing business clusters that will support expansion of this industry sector.

These significant achievements in 2006 serve as a very strong platform to accomplish our plans for 2007 and the remainder of the edge<sup>3</sup> campaign. Aggressive recruitment of companies in our targeted industry clusters, expanding and retaining our existing industries, and the strengthening of our relationship with NC State University will keep us on the cutting edge of innovation and economic development.

Much of this would not be possible without the support of our edge<sup>3</sup> investors. I want to express both my sincere thanks for all that you have done, and my sincere excitement for all that there is left to do.



**William K. Atkinson, PhD**  
WakeMed Health & Hospitals  
edge<sup>3</sup> Chairman

# Program Goals for edge<sup>3</sup> – 2005-2009

## Effective Buying Income

2005 – \$16,792,905,000

2006 – \$17,837,400,000

2007

2008

2009

**edge<sup>3</sup> Goal – \$20,135,463,750**

## Industrial Commercial Tax Base

2005 – \$21,264,787,000

2006 – \$22,035,070,641

2007

2008

2009

**edge<sup>3</sup> Goal – \$26,184,863,468**

## New Jobs in Wake County

2005 – 389,384 (increase of 16,511 net new jobs)

2006 – 419,143 (increase of 29,759 net new jobs)

2007

2008

2009

**edge<sup>3</sup> Goal – 466,091**

## Existing Industry Service Calls

180 Calls Made Through December 2006

**edge<sup>3</sup> Goal – 750 Calls**



**LEADERSHIP**

**edge<sup>3</sup> Co-chair**

Dr. William K. Atkinson II, PhD  
WakeMed Health & Hospitals

**edge<sup>3</sup> Co-chair**

James O. Roberson  
Research Triangle Regional Partnership

**INVESTORS**

Alfred Williams & Co.  
J. Blount Williams

American Asset Corporation  
Paul Herndon

The Angus Barn, Ltd.  
Van Eure

AT&T North Carolina\*  
John McKinney

Bank of America\*  
Bruce Sharpe

Barnhill Contracting Co.  
Matt Smith

BBH Design, PLLC  
Douglas Hall

Belk, Inc.  
Bob Greiner

Biogen Idec  
John Cox

Blue Cross and Blue Shield  
of North Carolina\*  
Lynne Garrison

Bonitz Flooring Group, Inc.  
John McDonald

BP Studios  
Drew Robison

Branch Banking  
& Trust Co.\*  
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Brenda C. Gibson  
Commercial Real Estate  
Brokerage & Consulting  
Brenda C. Gibson

Brogan & Partners  
Convergence Marketing  
Jim Tobin

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Hugh Little

Capital Bank  
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Capstrat\*  
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Carolina Hurricanes  
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Carter & Burgess  
Rick Bourn Jr.

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Edward Rapp

CDM  
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City of Raleigh\*  
Russell Allen

Clancy & Theys  
Construction Company  
Tim Clancy

Cline Design Associates  
David Bradford

Coastal Federal Credit  
Union  
Larry Wilson

Coldwell Banker  
Howard Perry & Walston  
David Jones

Corporate Express  
Office Products  
Rich Coleman

Craig Davis Properties  
Jack Dunn

Curtis Media Group  
Donald Curtis

Deloitte.  
JR Shearin

Dixon Hughes, PLLC  
Cid Hickman

Dominion Partners LLC  
Andy Andrews

Drucker & Falk, LLC  
Kellie Falk-Tillett

Duke Energy  
Scott Gardner

Duke Raleigh Hospital  
Doug Vinsel

Duke Realty Corp.  
H. Andrew Kelton

Earth Tech of NC, Inc.  
Tommy Harrelson

Ernst & Young, LLP  
Robert Thorburn

Excel Moving & Storage,  
Inc. – Allied Van Lines  
Jody Hatley

First Citizens Bank  
Frank Holding Jr.

Flad & Associates  
Michael Nagy

Fonville Morisey Realty, Inc.  
Camille Mims

Frankel Staffing Partners  
Rod Frankel

The Freelon Group, Inc.  
Lew Myers

GE Energy  
Michelle April

General Parts, Inc.  
O. Temple Sloan

Golden Corral Corp.  
Dale Whitworth

Greene Resources, Inc.  
Gary Greene

Gregory Poole  
Equipment Company\*  
J. Gregory Poole

Greystar Communities  
Todd Mancini

Grubb & Ellis/Thomas  
Linderman Graham  
J. Rex Thomas

Harris Wholesale, Inc.  
Worth Harris

Heery International, PC  
David Waggoner

Highwoods Properties, Inc.  
Skip Hill

Home Builders Association  
of Raleigh & Wake County  
David Baron

Hunter Industries, Inc.  
Bertram Days

Hunton & Williams  
William Patterson

Hutchison Law Group PLLC  
Fred Hutchison

IBM Corporation  
Tina Wilson

Jani-King of Raleigh/  
Durham  
Michael Kearns

Jennings & Co.  
Roger Jennings

John Deere Worldwide  
Nate Jones

Joseph C. Woodard Co.  
Joseph C. Woodard

Kane Realty Corporation\*  
Mike Smith

KB Home Triangle Division  
Dianne Rupperecht

KCI Technologies, Inc.  
Michael Ray

Kilpatrick Stockton LLP\*  
Gary Joyner

KPMG LLP  
David Otteni

Lenovo Group  
Ann Waldo

Longistics  
Duane Long

Lynch & Howard, PA  
Homer Duncan

Manpower  
Jeff Stocks

MarketSmart Interactive  
Elliott Greene

Meredith College  
Maureen Hartford, EdD

Milliken Carpet  
David Potter

Misys Healthcare Systems  
Judy Mann

Moore & Van Allen, PLLC  
Jody Joyner

Mulkey Engineers &  
Consultants  
Merritt Brinkley

NAI Carolantic Realty, Inc.  
E. Stephen Stroud

Nelson Mullins Riley &  
Scarborough, LLP  
Cathy Rudisill

The News & Observer  
Publishing Co.\*  
Orage Quarles III

O'Brien/Atkins Associates,  
PA  
John Atkins III

O'Neal Engineering, Inc.  
David Broughton

Paragon Commercial Bank  
Robert Hatley

Parker, Poe, Adams &  
Bernstein, LLP  
William Pappas

Pearce Brinkley Cease  
& Lee – Architects  
H. Clymer Cease

Plaza Associates, Inc.  
Neil Rudolph

Poyner & Spruill LLP  
Attorneys-at-Law  
Bo Dempster

Prestonwood Country Club  
Tom Stewart

PricewaterhouseCoopers  
LLP  
Jeffrey Barber

Progress Energy\*  
Fred Day IV

Prudential Carolinas Realty  
Nancy Harner

PSNC Energy  
Rusty Harris

Pulte Home Corp.  
Steve Schlageter

Quintiles, Inc.  
Dennis Gillings

RBC Centura\*  
Scott Custer

Regions Bank  
William Dawkins

Research Triangle  
Foundation of NC\*  
Rick Weddle

Research Triangle  
Regional Partnership  
Charles Hayes

Rex Healthcare\*  
David Strong

Rich Commercial Realty  
Michelle Rich Goode

RSM McGladrey, Inc./  
McGladrey & Pullen, LLP  
Ronald Wainwright Jr.

Scott Insurance Company  
Bryan Bickley

SEPI Engineering Group,  
Inc.  
Sepideh Asefnia

Shelco, Inc.  
Dan Perry

Sheraton Raleigh Hotel  
Larry Jones

Skanska USA Building, Inc.  
Allen Jones

Smith, Anderson, Blount,  
Dorsett, Mitchell  
& Jernigan, LLP  
Steve Mason

Smith Moore LLP  
Sam Southern

Sony Ericsson Mobile  
Communications (USA), Inc.  
Stewart Engineering, Inc.  
Willy Stewart

SunTrust Bank  
Robert Jones

Teleflex Medical  
Matthew Jennings

Time Warner Cable  
Raleigh Division  
Thomas Adams

Triangle Business Journal  
Charlene Grunwaldt

TriSure Corporation  
Linda Folger

Wachovia Bank, NA\*  
Jack Clayton

Wake County Government\*  
David Cooke

Wake Stone Corp.  
John Bratton

WakeMed Health &  
Hospitals  
William K. Atkinson II, Ph.D.

Ward & Smith, PA  
Samuel Poole

Wharton Gladden  
& Company, LLC  
Algenon Cash

Womble Carlyle Sandridge  
& Rice, PLLC\*  
Johnny Loper

Wyrick, Robbins, Yates  
& Ponton, LLP  
Larry Robbins

The York Companies  
Smedes York

# Wake County New and Expanding Companies 2006

Company Name	New Jobs	Investment	Contact	Phone	New or Expanding
<b>AAIPharma</b>	22	Lease	Matt Czajkowski	910-254-7000	Expanding
AAIPharma has announced they will occupy 27,000 square feet of space at Perimeter Park in Morrisville later this year. The new facility will be a Phase I clinic, bringing their US bed-total for Phase 1 trials to 144. The clinic's focus will be bio-equivalence trials, but it will also allow the company to expand their clinical pharmacology operation. AAIPharma will create 22 new full-time positions at the clinic, as well 100 part time jobs.					
<b>Administaff</b>	8	Lease	John DuBois	919-719-8700	New

Administaff, a leading professional employer organization, has moved into the Raleigh market. They recently announced the opening of their second North Carolina location, the first one being in Charlotte. The new office is located on Beechleaf Court. They will provide comprehensive human resources services. Administaff has 42 sales offices in 22 major markets.

Applied Research Associates	New Jobs	Investment	Contact	Phone	New or Expanding
<b>Applied Research Associates</b>	40	Leasing	Robert Frank	919-582-3300	Expanding
Applied Research Associates, a company which makes software for the U.S. military, is growing its North Raleigh office as it wins more contracts in the Southeast. They will move from about 30,000 square feet in the Colonnade at Six Forks and Strickland roads to at least 45,000 square feet at Forum V. Forum V is a 133,500-square-foot office building being constructed across Six Forks. ARA currently has 110 employees in Raleigh and plans to hire about 40 additional by the time it moves in early 2008 and has the option to expand to 55,000 square feet.					

Best Lab Deals	New Jobs	Investment	Contact	Phone	New or Expanding
<b>Best Lab Deals</b>	N/A	N/A	Vance Moore	919-661-8030	Expanding
Best Lab Deals is an international distributor, supplier and service center for pharmaceutical, academic & science education, water treatment, environmental testing, healthcare clinical labs, private R&D labs, governmental research & testing facilities and more. Best Lab Deals purchased a 100,000 square foot facility at 1000 Management Way in Garner, NC.					

33

**Company Name**                      **New Jobs**    **Investment**                      **Contact**                      **Phone**                      **New or Expanding**

**Biogen**                      100                      N/C                      John Cox                      919-993-1100                      Expanding  
Biogen Idec has added 80 positions as they recover from the layoffs they were forced to make last year after they pulled their MS medication off the market. The RTP site benefited when the Cambridge headquarters shut down a customer service unit. The positions were transferred to the RTP office and filled with new hires. Biogen also plans to make 20 additional new hires in their manufacturing and quality control sectors.

**BMC Software**                      10                      N/A                      Paul Farr                      919-388-3333                      Expanding  
BMC Software of Cary has announced the acquisition of Identify Software, a New York-based company with 45 employees at their Cary location. BMC plans to increase the Cary unit's professional services strength by adding five to 10 new hires in the new few months. BMC sells software that helps companies find errant computer applications and fix them. They employ 7,900 people worldwide.

**Campbell Alliance**                      50                      Lease                      Craig Dunkley                      (919) 844-7100                      Expanding  
Campbell Alliance, a biotech and pharmaceutical management consulting firm, has announced that they will move their headquarters into 28,000 square feet at the Brier Creek Corporate Center. The company also plans to make 50 new hires this year. They will be vacating space at the Colonnade Center in Raleigh. This move will more increase their space by more than 50% when they move towards the end of 2006.

**Cempra Pharmaceuticals**                      8                      N/A                      Prabhavathi Fernandes                      919-467-1716                      Expanding  
Cempra Pharmaceuticals has closed a \$14 million round of funding. The company, which is based in Morrisville, says the funding will be used to expand product development and hire up to eight new employees within the next year. Cempra was founded in January. They are working to develop macrolides - drugs that are effective against antibiotic-resistant bacteria.

**Centice**                      18                      Lease                      Brandon Bryce                      919-653-0424                      New  
Centice, a company that spun out of Duke in 2004, is moving to 13, 800 square feet of space in Durham on Southport Drive. Centice makes sensors for analytical, life science and pharmaceutical companies. This move triples the companies office space and allows room for them to hire up to 18 new employees.

29,759                      Net New Jobs

**Company Name**      **New Jobs**      **Investment**      **Contact**      **Phone**      **New or Expanding**

**ConAgra**

30      N/C      Chris Kircher      919-772-1511      Expanding

ConAgra plans to add 30 jobs at its Garner manufacturing facility. The is part of a company-wide streamlining effort that will involve the closure of a facility in Pennsylvania. This will add to ConAgra's current Garner employment count of 650. ConAgra Foods includes brands such as Egg Beaters, Healthy Choice, Hunt's and Orville Redenbacher.

**Cranfill, Sumner & Hartzog**

No Change      Leasing      Barry Pennell      919-828-5100      Expanding

Cranfill, Sumner & Hartzog, one of the Triangle's biggest law firms is moving out of the city's reviving downtown to become a pioneer in a part of the city that is slowly coming to life. They will lease 50,000 square feet of offices at Wade, a 168-acre development planned across from RBC Center on Edwards Mill Road at Wade Avenue in West Raleigh. The firm will move in early 2008, when the building is finished. They will be the first tenant to commit to the development, where Lichtin Corp. of Raleigh and Post Properties of Atlanta plan to build a million square feet of offices, 150,000 square feet of shops and at least 1,500 homes during the next decade.

**Credit Suisse**

400      \$40,000,000      Tom Sazone           Expanding

Credit Suisse has announced an expansion of the Research Triangle Park location. The expansion will add 400 new jobs and represents an investment of \$40 million. The expansion was made possible by funds from the Job Development Investment Grant. Construction of the expansion of their "Center of Excellence" will begin this summer with the new hires made at the end of 2006. The center houses support staff for the company's investment banking division. Wake County Economic Development worked with Credit Suisse on this announcement.

**Destineer**

100      Lease      Peter Tamte      763-231-8000      New

Destineer, a video game developer based in Minneapolis, is expanding into the Raleigh market. They have announced they will lease 16,000 square feet of space near the RBC Center. They also plan to hire 100 employees for the new location. The jobs will be software engineers, 3-D artists, game developers, quality assurance employees, and administrative employees. Destineer makes commercial video games for personal computer and video game consoles, as well as simulation systems for the military.

**Fidelity Investments**

2,000      \$100,000,000      Don Haile      919-544-0386      New

Fidelity Investments, one of the world's largest providers of financial services, has announced plans to invest \$100 million to build a new facility in Wake County. They also plan to create 2,000 jobs at the new location, bringing their Triangle presence to about 3,000 employees. This is one of the largest economic development deals ever announced in Wake County. Wake County Economic Development worked with the client as well as the NC Department of Commerce and Wake County on the deal. Fidelity will receive incentives from One North Carolina Fund as well as the Job Development Investment Grant.



Company Name	New Jobs	Investment	Contact	Phone	New or Expanding
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**Healthways, Inc.**

150	N/A	Nick Balog	615-263-7956	New
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Healthways, Inc. has opened a new care enhancement nurse call center. They will employ 150 RNs and LPNs at the facility, which is located in the RDU Center office park off I-40. They will lease 50,000 square feet. Clinicians in the center will establish relationships with patients over the phone and attempt to assist those with chronic medical conditions like diabetes and asthma. They will attempt to better their conditions through education, exercise and diet. Wake County Economic Development worked with Cary, the North Carolina Department of Commerce, Wake Tech and Progress Energy on this project.

**INC Research**

120	Lease	Trisha Vonder Reith	919-876-9300	Expanding
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INC Research will be adding 120 new positions and 29,000 square feet in the coming year. The company currently employs 245 people in their two North Raleigh locations, but are projected to reach 365 this year. They are also moving into an additional 29,000 square feet in the building next to their current headquarters. They say the new positions are in response to the growth the company is seeing. INC is a clinical research firm and they maintain their global headquarters in Raleigh. The company manages clinical development programs for pharmaceutical and biotech customers.

**Intervolve**

35	Lease	Sandy Smith	(919) 789-9797	Expanding
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Intervolve is moving their headquarters from Lake Boone trail to the Warehouse District of Downtown Raleigh. They will be adding 35 new employees when they make this move in June. Intervolve creates software to help beer wholesalers with inventory, tracking and distribution. They currently count about 75 beer distributors in 18 states as clients.

**Ironworks Consulting**

n/a	Leasing	Brian Buchanan	919-462-2092	Expanding
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Ironworks Consulting has expanded operations and moved into new offices in 11000 Regency Parakway in Cary. Ironworks is a project-based, customer-focused technology consulting firm that offers a broad range of IT consulting services. The team has quadrupled over the last 12 months and continues to enjoy an increased demand for their services.

**JetBlue**

13	N/A			New
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JetBlue Airways has announced plans to begin service from Raleigh-Durham International Airport. The low-fare carrier will offer four daily roundtrip flights between RDU and New York's John F. Kennedy Airport beginning in July. The company will create 13 new jobs and will also operate four daily roundtrip flight to Charlotte-Douglas.

Company Name	New Jobs	Investment	Contact	Phone	New or Expanding
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**Meadwestvaco**

200	\$14,000,000	Donna Owens Cox	212-461-7400	Expanding
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Meadwestvaco has announced plans to establish a "Packaging Innovation Center" at NC State's Centennial Campus. This operation will be a consolidation of their research and development, engineering and other technology-focused operations. Meadwestvaco is a Fortune 500 global packaging company that formed from the merger of Mead and Westvaco Corporation in 2002. They plan to create 200 new jobs and eventually occupy as much as 125,000 square feet. The new jobs will be highly skilled positions, with salaries reaching \$1,831.

**Misys Healthcare**

N/A	Lease	Mike Truell	(919) 847-8102	Expanding
-----	-------	-------------	----------------	-----------

Misys Healthcare, a healthcare industry software provider, has announced they will be the lead tenant at the new Forum V in North Raleigh. They will occupy 58,000 square feet which will accommodate their current growth expectations in the coming years. Misys did not announce any new hire projections at this point, but their spokesman did indicate sustained growth overall is expected. They currently employ 840 people at their Raleigh site. Misys will continue to occupy Forum IV, even after they move into the new space at Forum V.

**New Jersey Packaging**

12	\$5,000,000	Gene Dul	(973) 808-8000	New
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New Jersey Packaging, a company that provides pharmaceutical printing solutions, has announced plans to open a 30,000 square foot facility in the Triangle. The new operation will be located at Perimeter Park in Morrisville. Approximately 10-12 jobs will be created and company plans to invest about \$5 million in machinery.

**Novartis**

350	\$267,000,000	Eric Althoff	+41 61 324 6392	New
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Novartis Vaccines and Diagnostics has announced a \$267 million facility in Holly Springs. The new plant will be a flu vaccine manufacturing operation. The state-of-the-art facility will employ 350 people when it becomes fully operational in 2011. The average salary will be \$50,000 per year. The Swiss-based company's new facility will be approximately 300,000 square feet. Wake County Economic Development worked with the North Carolina Department of Commerce, the Town of Holly Springs, Progress Energy and various other local groups on this deal. Novartis will receive incentives from the One North Carolina Fund and the Job Development Investment Grant.

**Pharmaceutical Product Development Inc.**

	Lease	Nancy Zeleniak	919-380-2000	Expanding
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Pharmaceutical Product Development Inc. (PPD) has announced that they will lease an additional 30,000 square feet at Duke Realty's Perimeter Park in Morrisville. This is an increase of 36 percent. They already lease 315,000 square feet throughout five buildings in the Park. The new building they will occupy is currently under construction and will be complete in November of this year. PPD is a Wilmington-based company that helps pharmaceutical companies test experimental drugs.



**Company Name                      New Jobs                      Investment                      Contact                      Phone                      New or Expanding**

**Poyner & Spruill**

The North Carolina law firm Poyner & Spruill will relocate its Raleigh office and more than 120 attorneys and staff to the RBC Plaza in 2008. RBC Centura, which is building the plaza to house its own Raleigh headquarters, broke ground on the 33-story tower on September 26th, 2006 and construction is expected to be completed by late 2008. Aside from RBC, Poyner & Spruill is the first tenant to commit to the building and will occupy 55,000 square feet of office space over three floors.

**Red Hat**

Red Hat is adding 150 employees to their operation on Centennial Campus. They have also leased an additional 50,000 square feet in the Venture III building. Red Hat is a worldwide provider of Linux and open source technology.

**Ring Industrial**

Ring Industrial will create 15-20 new jobs and open a manufacturing facility at Greenfield North in March 2006. The new facility will manufacture their EZFlow products, the eight operation of this kind. EZFlow drains are created from recycled polystyrene which allow for maximum life and performance, lower system costs and an environmentally friendly drainage system. Wake County Economic Development worked with Ring Industrial on this transaction.

**Roper Lumber**

Roper Lumber plans to open its first North Carolina location in Raleigh this summer. The Petersburg, VA based operation is a provider of construction materials and will create 23 new jobs when they locate here. Their lumber yard serves professional home builders and construction companies and will be located at 3401 Gresham Lake Road.

**rPath**

rPath has doubled the size of their Raleigh location, adding 5,000 square feet. The company, which was launched in January 2006, is growing due to demand for their products. They have doubled their square footage at the Corporate Center in Raleigh and they are planning to add up to 20 new employees this year. rPath provides rBuilder and rPath Linux, the first platform for creating and maintaining software appliances. The company was founded by two former RedHat executives.

Company Name	New Jobs	Investment	Contact	Phone	New or Expanding
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**Ryscor Science**

Ryscor Science has announced the construction of a new 10,000 square foot facility in Wake Forest. Ryscor develops small-molecule synthetic reagents and methodologies for pharmaceutical and biotech companies worldwide. The new facility will feature research labs, small-scale production labs, and advanced analytical facilities.

			Jonathan Scoggins	919-875-1982	Expanding
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**S&ME Engineering**

S&ME, and engineering and environmental consulting firm has relocated their corporate headquarters to a 32,000 square foot facility in Raleigh off Spring Forest Road. The new operation will house new offices, training and conference rooms, as well as the 100 S&ME employees that work out of the corporate headquarters. Company growth led to the larger facility. S&ME was founded in Raleigh in 1973 and employs 700 people in southeast today.

N/C	Lease	Larry Hammerstein	(919) 872-2660		Expanding
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**Sageworks**

Sageworks has moved their current 75 employees to a new 15,000 square foot office space at Centerview Office Park in southwest Raleigh. They plan to add 130 new jobs by May of this year to help keep up with the demands of their growing company. Sageworks is a software company that sells applications to help businesses with their financial and accounting needs. The company has grown from 20 subscribers when it rolled out its first product in 2000, to over 4,000 today. Clients include H&R Block and Citibank.

130	Lease	Scott Ogle	919-851-7474		Expanding
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**SAS Institute Inc.**

SAS Institute Inc. is the world's largest privately held software company with 10,000 employees in more than 400 offices spanning the globe. SAS, a leader in business intelligence software and services, will relocate its international headquarters to Cary from Germany. Approximately 240 SAS employees stationed at the international headquarters in Germany will be affected by the move. A number of positions will be shifted to Cary.

N/C	N/C	Pamela Meek	919-531-7883		Expanding
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**SFLA Architects**

SFLA Architects is moving into the Raleigh market. The company, which currently has locations in Charlotte and Fayetteville, has signed a lease for 6,000 square feet of space on Fayetteville Street in the Capital Bank Building.

	Lease	Robert Ferris	910-484-4989		New
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Company Name	New Jobs	Investment	Contact	Phone	New or Expanding
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**Ultimus**

Ultimus has announced plans to build a 16,500 square foot headquarters facility on Weston Parkway in Cary. The new space will allow the company to expand to up to 70 employees in the coming years. They currently employ 38 people locally, with worldwide employment around 350. Ultimus provides consulting services and sells software that helps businesses connect different databases. The purpose of the new site, which represents an investment of \$3 million, is provide a presentable space for large clients to visit, as well as space for future expansion.

**US Foodservice**

200	\$16,000,000	Mike Almquist	919-404-4100	Expanding
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U.S. Foodservice in Zebulon has announced an expansion of their facility. This announcement represents an investment of \$16 million as they add 98,000 square feet, bringing their total square footage to 373,000. They have been growing rapidly in recent months, adding 25 jobs. Plans call for them to continue adding as many as 200 more as growth continues in the area.

Some of U.S. Foodservice's local customers include NC State University, Wake County Public Schools, Smithfield's Chicken and BBQ and Michael Deans.

**WTVD-ABC 11**

7	N/A	Bernie Prazencia	(919) 899-3600	Expanding
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WTVD - ABC 11 is adding five to seven employees to accommodate the additional newscast they will begin offering. They will produce a 10:00 p.m. newscast for WFLI, in addition to their 11:00 p.m. newscast. They currently have 80 employees. The new positions will include newscasters, producers and photographers.