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Pages 1-10

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1 UNITED STATES OF AMERICA

2 NUCLEAR REGULATORY COMMISSION

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4 PUBLIC MEETING TO DISCUSS ENVIRONMENTAL SCOPING FOR
5 CALVERT CLIFFS NUCLEAR GENERATING PLANT, LICENSE
6 RENEWAL APPLICATION

7 + + + + +

8 WEDNESDAY,

9 MARCH 19, 2008

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11 SOLOMONS, MARYLAND

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13 The evening session of the Public Meeting was
14 convened at the Holiday Inn Select at 115 Holiday
15 Drive, Solomons, Maryland, at 1:00 p.m., and the
16 second session convened at 7:00 p.m., F. Cameron,
17 presiding.

18 NRC STAFF PARTICIPATING:

19 F. "CHIP" CAMERON

20 JAMES LYONS

21 THOMAS FREDRICHS

22 ROBERT WEISMAN

23 SPEAKERS:

24 PAUL GUNTER

25 KEVIN KAMPS

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GEORGE VANDERHEYDEN
COMMISSIONER WILSON PARRAN
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P-R-O-C-E-E-D-I-N-G-S

7:05 p.m.

MR. CAMERON: Thank you all for being here. My name is Chip Cameron, and I work for the Executive Director for Operations at the United States Nuclear Regulatory Commission which we'll be calling the NRC tonight. We'll try not to use too many acronyms but we will be using that one, NRC, and I just want to welcome you to tonight's meeting, and our topic tonight is the NRC review process that we use to evaluate applications to build and construct new reactors.

We have just such an application in from Unistar Nuclear to build a new reactor at the Calvert Cliffs site, and it's my pleasure to serve as your facilitator for tonight's meeting and in that role, I'll try to help all of you to have a productive meeting tonight.

I just want to spend just a couple minutes on some meeting process issues before we get to the substance of our discussions. I want to tell you

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1 about the format for the meeting, some very simple
2 ground rules for all of us, and to introduce the NRC
3 speakers.

4 In terms of the format for the meeting,
5 it's basically going to be what I like to say is a
6 two-part meeting, and the first part of the meeting is
7 to give all of you some background on what the NRC
8 evaluation process is, what types of environmental
9 review does the NRC conduct, and more importantly, how
10 all of you can participate in that environmental
11 review.

12 After we go through and give you that
13 information, we'll have time for some questions for
14 all of you to make sure that we were clear about what
15 the process is, so we'll go out to you for a brief
16 time, and then we're going to get to the second part
17 of the meeting and that's an opportunity for all of
18 the NRC staff to listen to you, to your advice,
19 recommendations, comments on the environmental review
20 issues, and we call this a scoping meeting and the NRC
21 staff will explain what that is in a little bit more
22 detail.

23 But basically, scoping is to listen to the
24 public in terms of what types of impacts should we be
25 looking at, what types of issues, what types of

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1 alternatives should we be looking at in the
2 environmental impact statement, and we're taking
3 written comments on these issues, also, but we wanted
4 to be here in person with you tonight to talk with you
5 and any comment that you give tonight will carry the
6 same weight as a written comment, and even if you talk
7 tonight, if you want to amplify with a written
8 comment, that's fine.

9 We have a stenographer here who is taking
10 a transcript of the meeting and this is Mr. Douglas
11 Turner. Did I get that correct? Okay. Thank you.
12 That transcript will be available to the public so
13 that you can see what transpired here tonight.

14 There are yellow cards for people to sign
15 up to speak out there and that just allows us to know
16 how many people to anticipate talking tonight.

17 Now in terms of ground rules, when we go
18 out for the question period, if you do have a
19 question, if you could just signal me and I'll bring
20 you this cordless microphone and please introduce
21 yourself to us and we'll try to answer your question,
22 and I would ask you to try to limit your questions to
23 an actual question instead of really giving us a
24 comment, save the comments for the second part of the
25 meeting, and I would also ask you to try to be as

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1 brief as possible so that we can make sure that
2 everybody who wants to speak tonight gets an
3 opportunity to talk.

4 In fact, when we do get to the second part
5 of the meeting which we have you come up to the podium
6 to talk to us, I would ask you to try to limit your
7 presentation to approximately five minutes so that we
8 can make sure that we get everybody on tonight.

9 And I guess a final point is the point of
10 courtesy and let's all extend courtesy to one another
11 tonight. You may hear opinions given tonight that you
12 disagree with, that differ from yours, but let's
13 respect the person who is giving that opinion.

14 And let me introduce the NRC speakers and
15 we have two speakers. We have Jim Lyons right here
16 and Jim is the Director of the Division of Site and
17 Environmental Review in the NRC's Office of New
18 Reactors, and he's going to give you some basic
19 information on NRC responsibilities.

20 After that, we're going to go to Tom
21 Fredrichs, who is right here, and Tom is the Senior
22 Project Manager in Jim's division, and Tom is the
23 person who's responsible for overseeing the
24 preparation of the environmental review on the Unistar
25 license application. So, he'll be telling you more

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1 indepth information on the NRC's environmental review
2 process.

3 I would just thank you for all being here
4 tonight to help us with this decision.

5 There is one other person that I want to
6 introduce and Jim or Tom may introduce other NRC
7 people here, but the NRC has what we call "residents,"
8 resident inspectors at every operating plant that we
9 license and that we regulate, and they are the NRC
10 staff who are right there at the plant to make sure
11 that NRC regulations are complied with, and we have
12 our senior resident with us tonight, Silas Kennedy.

13 And with that, and I would just ask you to
14 hold your questions until both Jim and Tom are done
15 and then we'll go out and go to you for questions.

16 Jim?

17 DIRECTOR LYONS: Thank you, Chip, for
18 setting those ground rules and for facilitating this
19 meeting. I know it will make the meeting that much
20 more effective.

21 We've already -- I hope you've had some
22 valuable discussions with some of the NRC staff that
23 are here as part of the open house earlier, and what
24 we're trying to do is come out here and give you an
25 understanding of why we're here and what we want to

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1 accomplish.

2 Let me also thank everyone for coming out
3 tonight. I know that the predictions for weather
4 later on are not great. So, I do appreciate you
5 taking the time and the effort to come out and
6 participate in this meeting.

7 As Chip said, my name is Jim Lyons. I'm
8 the Director of the Division of Site and Environmental
9 Reviews in the Office of New Reactors, and what we
10 want to do today is we'll be presenting some
11 information on the application for a new nuclear power
12 plant to be constructed and operated at the Calvert
13 Cliffs site.

14 My staff is responsible for managing the
15 environmental review that has to be conducted before
16 the NRC can make a decision on the application. We
17 work closely with our safety counterparts in the
18 Division of New Reactor Licensing who manage the
19 safety review of a new nuclear power plant here and
20 also the overall schedule that we adhere to at the
21 NRC.

22 Some of you may already be familiar with
23 the proposal that's before the NRC and some of you may
24 have participated in the meeting that we had back in
25 August of last year where we shared information on the

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1 various steps in the licensing process.

2 In that meeting, we informed you that
3 there would be opportunities for you to observe and
4 participate in the work of the NRC if we were to
5 receive an application for a new nuclear power plant
6 here at Calvert Cliffs. Well, we've received that
7 application and we're in the process of doing that
8 review.

9 Back then, we identified several tracks
10 and you'll see them again today. There's the safety
11 review that goes on. We have inspection activities
12 that are carried out, both even before this
13 construction is started, during construction, and then
14 obviously following construction as our resident
15 inspectors do. There's a formal hearing that you'll
16 have an opportunity to be part of as well as the
17 environmental review.

18 At the meeting that we had last August, we
19 stressed that when we come out to do our environmental
20 reviews, that it's your community that we're coming
21 into, that you're the ones that are familiar with this
22 area, you know what the issues are that concern you
23 and your neighbors, and we have a group of experts
24 that are here already as part of an audit to start to
25 gather information to complete our environmental

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1 impact statement, but your input in this process is
2 highly valued.

3 I guess you will hear a little more about
4 the safety review that's going to be held later on,
5 but this meeting really is focused on the
6 environmental impacts that we have, that we want to
7 look at as part of doing our environmental impact
8 statements. So, this meeting is with you and for you.

9 Other meetings that we have, especially in
10 the safety side, will be meetings that we will have
11 with the applicant, with Unistar, and you'll be able
12 to observe those but you won't be able to participate
13 like you will in this meeting, providing comments for
14 us.

15 That said, this is not going to be the
16 last opportunity for you to talk to us. Once we've
17 completed our environmental impact statement or our
18 draft environmental impact statement, we'll be back
19 here next spring to present you the findings that we
20 will be publishing as part of our draft environmental
21 impact statement and seek your comments on that
22 environmental impact statement that we'll put out.

23 So, with that, I want to thank you again
24 for coming. I want to set the stage that we're here
25 to hear your comments about this process, about what

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1 particular areas we should be concerned with as we do
2 our environmental review.

3 We have a long way to go before the NRC
4 completes its review of this application and is ready
5 to make any sort of decision on issuing a combined
6 license.

7 Let me also introduce, while we're
8 talking, Mr. John Rycyna. John's over here. John's
9 the NRC's Safety Project Manager for Calvert Cliffs.
10 He, along with Tom Fredrichs, who's the Environmental
11 Project Manager, are the two that will be managing
12 this project and managing the review that the NRC will
13 do.

14 We may call on John and others to respond
15 to some of your questions, but for the most part, what
16 we want to do is listen to you and get your
17 information.

18 So with that, let me turn this meeting
19 over to Tom Fredrichs. He'll go through the main part
20 of our program and get you all set, and this is just a
21 viewgraph that shows the types of participants that we
22 expect in the process.

23 So with that, Tom.

24 MR. FREDRICHS: Hello. I'd like to thank
25 everybody for coming here tonight. I understand the

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1 weather is going to be perhaps stormy out there.
2 We're staying at the hotel, so we're not too worried
3 about having to drive in it, but for those of you who
4 do, thank you for taking the time to come and give us
5 your comments.

6 I'm Tom Fredrichs. I'm the Senior Project
7 Manager for the team that will be developing the
8 environmental impact statement for Unit 3 at Calvert
9 Cliffs.

10 To give you a little bit of background on
11 myself, I first started working in the industry at
12 Point Beach Nuclear Plant which is on the shores of
13 Lake Michigan in Wisconsin. I spent 13 years at that
14 power plant. I was the first RAD waste engineer that
15 they hired for that plant. At that time, it was
16 getting more complicated and they needed somebody
17 dedicated to it. My job at that time was to process
18 waste in the plant and ship it for proper disposal.

19 I was also a project engineer at the
20 plant. I worked as a shift technical advisor. I was
21 a refueling outage coordinator there. I was also the
22 chemistry manager at Point Beach, which has some
23 application to my current job because as chemistry
24 manager, I was responsible for assuring that we met
25 our environmental regulations for effluents and

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1 radiation monitoring and that sort of thing.

2 After Point Beach, I went to graduate
3 school and got a Master's degree in Finance. After
4 that, I went to the NRC where I started in 1997, been
5 there for 11 years now. My first project was
6 decommissioning the Connecticut Yankee Plant up in
7 Connecticut. I moved on to an assignment as a resident
8 inspector in the Midwest. I've acted as a financial
9 analyst for decommissioning with the Office of Nuclear
10 Material Safety and Safeguards and more lately, I
11 joined the New Reactors Office where I'm now working
12 on the Calvert Cliffs Project.

13 Along the way, I got a law degree from
14 George Washington University in Washington, D.C.,
15 which in some ways I didn't plan it this way, but I
16 think for this type of a job, with that background, is
17 very good because there's a lot of engineering
18 involved. There's costs and benefits that we're going
19 to have to weigh and we have legal obligations that
20 we're going to have to fulfill, and we're going to do
21 all of those things and I have a large team of
22 experts, both the NRC staff and Pacific Northwest
23 National Labs, that will help me do that.

24 Well, what is a combined license? That's
25 our authorization from the NRC to construct and

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1 operate a nuclear power plant at a specific site. In
2 this case, the Unistar submitted the first part of the
3 report in July of last year.

4 Since then, they've supplemented it with
5 additional information. The safety analysis was
6 expected in March and in fact it was delivered on
7 Monday, March 17th. So, the application has now been
8 fully submitted to us. We haven't had a chance to go
9 through Part 2 yet to decide whether or not it meets
10 our acceptance criteria. John Rycyna will be heading
11 up that effort, and it'll take roughly two months to
12 come to that conclusion.

13 This is a COL for an evolutionary power
14 reactor. There are two units under construction in
15 Europe. There's one in Finland and one in France, and
16 I understand there are more that are likely to be
17 built in China. This one will be the first one in the
18 United States.

19 I'm going to give you a brief overview of
20 our licensing process, but I want to put more of an
21 indepth view on the environmental process.

22 Some of the reviews we are going to be
23 doing, there's actually three parallel reviews that
24 are going on. Because this is the first EPR that's
25 been proposed in the United States, Unistar's chosen

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1 to get the design certified and in December, they sent
2 in that certification request.

3 The impetus for this is to standardize as
4 much as possible what the plant will be and get our
5 evaluation of it done so that later plants can focus
6 more on site-specific variations and we'll be able to
7 do these reviews with more efficiency in the future.

8 We're going to do the site-specific safety
9 review of the reactor design as it's located at
10 Calvert Cliffs because the site plays a large part in
11 the analysis, and, of course, the environmental
12 impacts is what my group will be doing for Unit 3 at
13 Calvert Cliffs.

14 This gives a very simplified diagram of
15 what we're going to do during the review. We have the
16 combined license application in now. We're going to
17 take two paths. The upper path in the orange arrows
18 is the safety review. The primary document that will
19 come out of that is a safety evaluation report which
20 will be the staff's evaluation of the safety of the
21 design as located at Calvert Cliffs and a
22 recommendation as to whether or not it meets our
23 regulations.

24 The lower path will be the environmental
25 review and we'll be producing a final environmental

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1 impact statement which will give our assessment of the
2 impacts that will occur due to the construction and
3 operation of the power plant.

4 I put up -- there's an oval there for
5 Notice of Hearing. That notice will be published, if
6 we decide that Part 2 is acceptable for docketing.
7 That will be a notice that we are docketing it and
8 that the public has an opportunity to request a
9 hearing if there are any issues they want to contest
10 in that. That notice will be published about two
11 months from now, assuming that the acceptance review
12 goes according to the standard plan, and at that time,
13 there will be a 60-day deadline for you to send in
14 your requests for a hearing or a petition to
15 intervene.

16 And later on, there will be a hearing, and
17 I'll talk more about the details of that. There's an
18 Atomic Safety and Licensing Board that will take the
19 staff's recommendations and make its own
20 recommendation as to whether the license should be
21 granted or not, and then they'll forward that to the
22 Commission and the Commission will make the ultimate
23 decision whether to grant the license, deny it, or
24 perhaps grant it with conditions.

25 The safety review looks at quite a number

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1 of factors. The design of the facility, the site
2 suitability for safety purposes as opposed to the
3 environmental impacts, the means of construction, the
4 quality assurance program, whether they have adequate
5 physical security, emergency preparedness where we
6 work with FEMA, operator training, and a long list of
7 others.

8 The environmental review is what my team
9 will be working on and our primary authority and
10 obligation to perform this review is in the National
11 Environmental Policy Act. NEPA requires federal
12 agencies to obtain relevant environmental information
13 and make that available to the public and we're using
14 this meeting to inform you that we started and we want
15 to get your comments to help us do that.

16 We're going to make -- the purpose of NEPA
17 is so that agencies will make informed decisions, so
18 that we know what's going to happen before we do it
19 and everyone involved can share their view and
20 participate in the decision as to whether the impacts
21 are worth the benefits that come out of this.

22 We do that by following certain systematic
23 procedures. I'll talk a little bit more about those
24 and how you can take a look at them, if you want to,
25 in a later slide.

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1 There we go. This is the environmental
2 review process as laid out in a timeline where it
3 starts with the combined license application. At the
4 point where we have decided that the environmental
5 report is acceptable for review and we're going to
6 start our technical review of it, we issue a Notice of
7 Intent to Prepare an EIS which was published in the
8 Federal Register on February 14th. That also
9 announces our intent to start the scoping process for
10 the environmental review.

11 There's a 60-day comment period where we
12 invite people to give us comments on the environmental
13 report that Unistar submitted. The report itself is
14 available on our website. There's an example of it
15 out on one of the tables there, if you want to look at
16 it. We also have a hard copy in the local library, if
17 you want to look at that.

18 The review period ends 60 days after that
19 which will be April 14th, so there's about a month
20 left if you want to send us written comments.

21 I'll explain a little bit about the color
22 scheme. The white ovals are documents -- well, except
23 the first one, that's one we received. The other
24 white ovals are documents that the staff prepares.
25 The blue rectangles are places where we look for

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1 public input and comments. We're in the scoping
2 process right now.

3 The yellow box is the environmental site
4 review. We do a site visit which we did this week
5 where we take our team and we go to the site. We look
6 at the documents that the applicant used to prepare
7 their environmental report and determine how much of
8 that we need on the record to, you know, prepare an
9 open and transparent process so that you know what we
10 used to come to our conclusions.

11 Once it's on the docket, you have access
12 to it and you can make your own conclusions as to
13 whether you think we were right or not and you have
14 opportunities to talk to us about that.

15 Also during the site visit, we do
16 extensive walk downs of the site to make sure that the
17 environmental report accurately describes what's out
18 there. We've had people walking along the streambeds,
19 out on the barge slip. We've gone all over the site.

20 We've looked at the locations where the new
21 facilities are being proposed, and it takes a lot of
22 time and people did a very good job, I think, and it
23 focuses in our mind where the environmental challenges
24 may be. It's not just paper we're reviewing, we're
25 reviewing what's on the ground out there.

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1 We're going to have a -- well, we don't
2 always but we're likely to have a request for
3 additional information if we feel the record isn't
4 complete as submitted to us and as supplemented with
5 our review visit. That's essentially a list of
6 questions and documents that we want that we sent to
7 the applicant and they'll return that information.

8 Once we get that and combined with
9 comments we get from the public and some comments we
10 get from other governmental agencies, we'll prepare
11 our draft EIS which will give our preliminary
12 conclusions on the environmental impacts.

13 After we do that, we'll have another
14 meeting so that we can gather public comments on the
15 draft EIS and then we'll prepare a final EIS which,
16 along with the safety evaluation report from the
17 safety review, will be reviewed by the Atomic
18 Licensing and Safety Board, and they'll make their own
19 independent decision. They'll read these documents
20 and come to their own conclusion as to whether or not
21 the staff has followed its procedures and complied
22 with our obligations.

23 Finally, it's passed on to the Commission
24 and the Commission makes the ultimate decision.

25 This is a summary of the public

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1 involvement that is available to people. We have the
2 public interaction during our environmental review.
3 The comment periods, public meetings, access to
4 documents are available electronically through our
5 website, and as I mentioned, the environmental report
6 and ultimately the EIS will be placed in the local
7 library.

8 Now in hearings, we'll publish that
9 request after we find Part 2 to be acceptable for
10 docketing. That has that 60-day publication. The
11 hearing covers both the safety and the environmental
12 issues that might be brought up.

13 I put up this web page address here
14 because there's a lot of information about the status
15 of our reviews on that web page. You can go -- it's
16 nrc.gov and you can follow through the menus to find
17 it and see where we are in the process.

18 Now the environmental scoping process that
19 we're engaged in now helps determine the scope of the
20 review, how much we're going to look at, what things
21 we're going to look at, and that's where we want
22 public comments and your help to make sure that we're
23 covering everything that needs to be covered.

24 In addition to obtaining comments from the
25 public, we talk to other government agencies, both in

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1 the state and in the federal level, and we did our
2 site walk downs.

3 We talked -- in fact, this morning we had
4 a meeting with the United States Environmental
5 Protection Agency, the Maryland Department of Natural
6 Resources, we had the U.S. Army Corps of Engineers,
7 and we had the National Marine Fisheries Service,
8 discussing the different roles that our agencies are
9 going to play in establishing communication channels
10 so that the information we want gets shared between us
11 and we all are able to cooperate and get things done
12 hopefully in an effective manner.

13 Once again April 14th is the end of the
14 comment period, and ultimately the draft EIS will have
15 an appendix where we will respond to all the comments
16 that we receive and so you can see how it turned out.

17 Some of our information gathering
18 activities are outlined here. The applicant's
19 application is a primary source because they need to
20 gather a lot of information and present it to us to
21 satisfy our regulations, but we also do our own staff
22 site audit, as I mentioned, public comments which we
23 gather and which are very valuable to us.

24 We talk to the tribal state-local
25 agencies. We did that this morning. A couple of

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1 months ago, the safety side arranged some meetings
2 with the Calvert County Commission where they gave us
3 their views on the plant and what their expectations
4 of us are.

5 We also talked to Social Services to get
6 an idea of what kind of economic and social impacts
7 might occur during construction when you have a large
8 construction workforce and during operation when you
9 have the permanent workforce.

10 These are some of the areas that we're
11 going to review. There's a team of about 20 engineers
12 and scientists that will be working on this in all
13 these different areas and more actually. Hydrology,
14 water quality, hydrogeology. The water's always a
15 very important impact on all these sites, both
16 environmentally and for safety. We need enough water
17 to keep the plant cool.

18 We look at archaeology and cultural
19 resources. If the construction is going to dig
20 something up that needs to be preserved, that's
21 something, an impact that we want to evaluate. The
22 ecology, the animals, both terrestrial and aquatic,
23 radiation protection, of course, atmospheric sciences,
24 and socioeconomics and environmental justice are some
25 of the areas that we look at.

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1 And to summarize our environmental review,
2 we're going to review the environmental impacts of the
3 construction and the operation. We have a systematic
4 decisionmaking process that's outlined -- well,
5 actually not outlined but detailed, the new Reg 1555.

6 That new reg is available on our website, if you go
7 to the Public Document Room, and you can see for every
8 section that we're going to look at what our review
9 criteria are and sorts of things we're going to
10 compare.

11 We provide for public comment and
12 involvement. We want to clearly document our
13 environmental findings so that the basis for our
14 conclusions are available to everybody and if you want
15 to know how we came up with the answer that's where it
16 will be, and if you have some disagreement with us
17 that's the record that we'll use to tell you how we
18 came to our conclusions, and it's part of an open and
19 transparent review process.

20 We want people to know what we do and how
21 we do it and these are the ways we hope to achieve
22 that.

23 The COL. The current status is we
24 accepted Part 1 of the application for docketing
25 January 25th. Part 2 was submitted on this Monday.

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1 We're going through that acceptance review. It may
2 take up to 60 days. However, we have started the
3 safety review for Part 1 because, along with the
4 environmental report, there's certain portions of the
5 final safety analysis report that we could get started
6 on.

7 The status of the environmental review.
8 We started our review of that report. Actually by
9 now, the site environmental audit is pretty well done,
10 although we'll be looking at some of the alternate
11 sites in the future. Tomorrow, we're going up to
12 Baltimore to look at the Crane Coal Plant which was
13 suggested -- which was identified as a potential
14 alternate site.

15 The scoping period is in process and that
16 will wind up on April 14th. Our schedule right now,
17 we're expecting the draft environmental impact
18 statement in Spring of 2009 and the final about a year
19 after that. That schedule can change. If things go
20 faster than we might expect, it could accelerate. If
21 it takes longer to obtain the information we need to
22 make our decisions, it may be extended beyond that.

23 A place to go is on the website because
24 we'll have our latest schedule up there. We haven't
25 put that schedule up there yet because we haven't

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1 finished, you know, the acceptance of Part 2. Once
2 that happens, we'll have the dates up there because
3 we'll publish a schedule.

4 There we go. Oh, yes, the hearing. A
5 Notice of Opportunity will be published in the Federal
6 Register. I mentioned the deadline. I also want to
7 mention that e-filing is required, an electronic
8 filing, and there are instructions on the NRC website
9 how to do that. There will be instructions in the
10 Federal Register notice, but give yourself enough
11 time, don't wait till the last day, it takes at least
12 one business day to coordinate that and get it
13 submitted, and the hearing will cover the safety and
14 the environmental issues. So, if there are any
15 concerns you have about either of those, you can --
16 you need to respond to the Notice of Hearing on both
17 those issues.

18 Here are some of the addresses. If you
19 have written comments, you can give them to us today,
20 if you like, or you can send them by mail. We have e-
21 mail. There's a special e-mail address set up for
22 Calvert Cliffs, particularly for the EIS comments, and
23 you can also deliver them in person. That address
24 happens to be the building I'm in. It's also known as
25 Two White Flint.

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1 That's my e-mail up there. Richard Raione
2 is the Chief of the Environmental Projects Branch.
3 He's my boss and he's sitting in the back there.
4 Maybe you want to stand up and let people see you.
5 Then John Rycyna's address is up here and his branch
6 chief's name is up there, also. Feel free to contact
7 any of us. If there's something you want to know or
8 want to discuss with us, please let us know.

9 And that completes my remarks here on the
10 process. So, I'll turn it over to Chip.

11 MR. CAMERON: Okay. Thank you, Tom.
12 Thank you, Jim.

13 Is there anything we can clear up for any
14 of you on the process? Paul, please introduce
15 yourself to everybody?

16 MR. GUNTER: Sure. My name is Paul
17 Gunter. I'm with Beyond Nuclear out of Takoma Park,
18 Maryland.

19 I'm wondering if you can help clarify the
20 situation where you're now -- you're going to be
21 looking at this safety review. At the same time you
22 go on a schedule, you're anticipating to complete that
23 safety review within two months and then you submit it
24 for the Federal Register and then the public then has
25 an opportunity of 60 days to then respond with

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1 contentions for the hearing.

2 With that as the backdrop, you're
3 currently looking at the precertification of the EPR,
4 is that correct? So, has the -- as I understand it,
5 the -- once a design is precertified by the agency,
6 then it can't be questioned in a hearing and so the
7 question is can you give me a sense of the current
8 time table that you're on right now for this
9 precertification of the EPR in context of your safety
10 review and in fact can you do a safety review if you
11 haven't -- if you're still in the precertification
12 process?

13 MR. CAMERON: Okay. Thanks, Paul. And
14 Jim, if you could sort of lay out the various parts
15 here and Paul was using the term "precertification."
16 I think we're talking certification, but the two
17 months on the acceptance review is --

18 DIRECTOR LYONS: Right.

19 MR. CAMERON: Paul referred to that as our
20 safety review, but it's only acceptance.

21 DIRECTOR LYONS: Right. The 60-day
22 acceptance review that we're doing now on the Part 2
23 of the Calvert Cliffs Combined License Application is
24 -- I have to apologize. That is to make sure that the
25 document that we have is complete, has covered all the

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1 areas that we need it to cover, and is technically
2 sufficient, and all we're really saying at the end of
3 those two months, 60 days, is that there's enough
4 there for us to do our review and a large likelihood
5 that there's enough information for us to complete our
6 review.

7 There will be interactions back and forth,
8 but there will be -- we will develop a schedule in
9 order to do that review. Nominally, we are looking at
10 30-33 months to do that review. Depending on the
11 level of information, it may take longer.

12 In the case of Unistar, the EPR was
13 submitted at the end of last year, beginning of this
14 year, the design certification request. We have
15 completed our acceptance review for the design
16 certification request and we are in the process of
17 reviewing the EPR design in order to certify that.

18 Once we have completed our review of the
19 EPR and find it acceptable, then it will go through a
20 rulemaking process which would actually certify the
21 design.

22 With that, so let me try to tie all of
23 that together. So, the design that Unistar is
24 referencing is the EPR. We will be doing a
25 simultaneous parallel review of that design and the

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1 public has the opportunity to be involved in that
2 review of that EPR through the design certification
3 process and through the design certification
4 rulemaking.

5 There will be ACRS meetings. ACRS, I'm
6 sorry, stands for Advisory Committee on Reactor
7 Safety. The ACRS is a group of independent experts
8 that meet and provide consultation to the Commission,
9 give them their benefit of their understanding.

10 So that review will be going on, at the
11 same time we are looking at the site safety aspects of
12 building an EPR here at Calvert Cliffs, and then our
13 review, the environmental review, is in parallel with
14 that.

15 So, there will be opportunities for people
16 to be involved in all three of those proceedings and
17 so that, at this point, technical issues, for the EPR
18 are not precluded from being discussed as part of the
19 design. Those will be discussed as part of the design
20 certification review and then any site-specific
21 aspects will be discussed as part of the Unistar
22 application for a combined license.

23 MR. CAMERON: And I think you answered
24 Paul's question about can the design, once certified,
25 be challenged in a hearing with that last part, as I

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1 understand it, the application of the design to the
2 site.

3 DIRECTOR LYONS: Right. Well, when the
4 design is certified, then those issues are considered
5 resolved and are not open for hearing as part of a
6 site-specific review. So, if you want to get involved
7 in the safety aspects of the EPR design, from a
8 generic sense, that's -- you need to be involved in
9 the design certification process.

10 MR. CAMERON: And that's an important term
11 there, is from a generic sense, and Bob, do you want
12 to want to just add a little bit?

13 This is Bob Weisman from our Office of
14 General Counsel.

15 MR. WEISMAN: I'll just add a small
16 portion which is that the site-specific elements that
17 are not standard in the design, those are still open
18 for hearing in the individual proceeding here in
19 Calvert Cliffs.

20 It's the generic portion of the standard
21 design, that's what's resolved, that's resolved
22 through the rulemaking. That's all I have.

23 MR. CAMERON: Okay. Thanks, Bob. So,
24 Paul, we hope that answered your question, but it's
25 important to note that the generic approval of the

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1 design is done through a rulemaking process where
2 there will be a proposed rule issued and people
3 comment on that, NRC evaluates the comments before it
4 certifies the design, and it may be helpful to know
5 that the design certification is not submitted by
6 Unistar, okay, who is going for the license to build
7 and construct a plant.

8 That design, like all designs, are
9 submitted by whoever the company is who's in charge of
10 that design, in this case AREVA, and then what happens
11 is in the Unistar application to build and construct a
12 plant here, they reference that design. Okay.

13 Paul?

14 MR. GUNTER: Just really quick, can you
15 give me an idea of how long the design certification
16 process runs and where you are in that process along
17 the time table now?

18 DIRECTOR LYONS: Well, we've really just
19 started. We just completed our acceptance review this
20 past month and so it's scheduled, I think, I don't
21 know if they've put the exact schedule, but it's about
22 30 months, 30 to 36 months.

23 MR. CAMERON: Okay. Thank you. Other
24 questions about the process that we can answer for
25 you?

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1 (No response.)

2 MR. CAMERON: Okay. Great. We're going
3 to go that part of the meeting where we listen to you
4 and what advice or recommendations you might have and
5 typically during this part of the meeting, we are
6 listening. We're not responding to what you might
7 say. So, it's going to be sort of all yours and we're
8 going to start with your elected officials in this
9 area and the first person that we're going to go to is
10 Commissioner Wilson Parran who's President of the
11 Calvert County Commission.

12 Commissioner Parran.

13 COMMISSIONER PARRAN: Thank you, Chip.
14 Good evening. I'm Wilson Parran. I'm the President
15 of the Calvert County, Maryland, Board of County
16 Commissioners.

17 On behalf of the Commissioners and the
18 citizens of Calvert County, we welcome the NRC and
19 speakers here today.

20 This evening, we like you seek input
21 regarding the environmental impact as it relates to
22 the partial combined operating license by Unistar
23 Nuclear Energy, specifically input on the
24 environmental report.

25 The commissioners understand the NRC's

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1 role, the process, and the intent of the public
2 scoping meeting and ultimate preparation of the draft
3 environmental impact statement as a result of today's
4 public input and, further, we understand that the NRC
5 is an independent and technically oriented government
6 agency that evaluates the safety of a proposed plant
7 and its potential impact on the environment and the
8 surrounding community.

9 We understand that the NRC is not an
10 advocate for nuclear energy or for the proposed
11 expansion and we also understand that the NRC process
12 involves extensive reviews by the independent
13 technical experts as well as significant involvement
14 from the public.

15 Based on our knowledge of the new reactor
16 design with multilevel safety-related components, we
17 concur with the environmental report that indicates
18 that there is a minimal impact from the construction
19 and operation of a nuclear reactor.

20 Further, the new design minimizes the risk
21 for environmental impact by using active frontline
22 safety systems. Unistar has taken several additional
23 key steps to minimize the environmental impact by
24 selecting a hybrid cooling tower designed much lower
25 to the ground and one that will take in approximately

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1 98 percent less water from the Chesapeake Bay than the
2 existing Calvert Cliffs Units 1 and 2, and a
3 desalination plant that eliminates the need to use
4 area groundwater sources once the plant is
5 operational.

6 We understand that there will be
7 environmental impacts during construction, several of
8 which have been identified by Unistar. We ask that
9 the NRC look into the identified impacts and during
10 your independent review determine the most appropriate
11 mitigation measures where needed.

12 We want to make certain that our citizens
13 understand one key construction fact and that is, no
14 new transmission corridors are needed to build Unit 3.

15 We note this because it is important not to confuse
16 the construction of Unit 3 with the other proposed
17 utility improvement projects in Calvert County and we
18 have several other projects in Calvert County that are
19 not related to the building of Unit 3.

20 The 500 kilowatt transmission line
21 currently serving Calvert Cliffs will accommodate the
22 expansion with some upgrades to the substation, and I
23 want to note, also, that on an annual basis, we set
24 the transportation infrastructure priorities and our
25 regional priority is the Thomas Johnson Bridge.

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1 This is not only a priority for Calvert
2 County but it's a priority for the tricounty region.
3 That's Charles County, St. Mary's County, as well as
4 Calvert County. We have the support of the Maryland
5 Department of Transportation and they have started a
6 design study of the Thomas Johnson Bridge.

7 As a nation, we are at a crossroads, but
8 as a state, we have a critical energy supply problem.

9 We need new energy generation and we need to reduce
10 our dependence on foreign energy supply. Most
11 importantly, we need to work together to reverse the
12 growth of greenhouse gas emissions and nuclear is the
13 most viable option.

14 Regardless of whether the expansion
15 occurs, it is important to remember that nuclear
16 energy is critical to our nation's ability to provide
17 clean, safe and reliable energy while balancing our
18 responsibility to the environment.

19 Maryland is at a critical juncture in the
20 availability of baseload generation, specifically the
21 state's desire to generate enough reliable supply to
22 reduce the import of energy to the state.

23 Conservation and energy efficiency will be
24 important responses to increased electricity demand
25 and we support those efforts as does Constellation

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1 Energy and Unistar, but conservation and energy
2 efficiency will not offset the need for new baseload
3 generation in Maryland.

4 Renewable energy sources will be valuable
5 in diversifying the nation's energy supply, but their
6 intermittent nature precludes their role as a reliable
7 generation source. If we replicated a positive impact
8 of Calvert Cliffs, we could remove the equivalent
9 greenhouse gas emissions that Calvert Cliffs removed
10 in 2006, and by that, I mean for the same footprint
11 and the kind of electricity, electrical energy that's
12 generated without using a generation source that
13 creates greenhouse gases, the way that it's done with
14 nuclear energy in 2006 removed 18,800 tons or the
15 equivalent of one million passenger cars each year on
16 our roads.

17 Opposition to nuclear power can be intense
18 and emotional, despite the industry's excellent
19 overall safety record. Recognizing that we may be
20 criticized by our decision to encourage an expansion,
21 we welcome and encourage all comments throughout the
22 process and understand the importance of each voice.

23 We know that there will be individuals or
24 groups who believe that our support is strictly
25 financially motivated. However, we assure you that

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1 for the past 30 years, Calvert Cliffs has proven to be
2 a caring and committed corporate citizen in Calvert
3 County.

4 Calvert County is home for me and many of
5 the citizens in this room. We possess the knowledge
6 of the plant's safety operating history. We know
7 their dedication to public safety and we witness their
8 environmental and community commitment every day.

9 We appreciate the NRC's open and
10 transparent process and welcome public input from all
11 parties. However, when considering your draft
12 environmental impact statement, I know that you will
13 receive valuable public comments that will be germane
14 to your review of the environmental impact statement
15 and whether the project is viable from a regulatory
16 standpoint.

17 As part of August 2007, at your last
18 meeting, many decisions we make are difficult
19 decisions. This is the Board of County Commissioners.

20 However, our decision to support the potential
21 expansion remains simple, uncomplicated, and
22 consistent. Calvert County will continue to stand by
23 Calvert Cliffs Nuclear Power Plant, Constellation
24 Energy, and Unistar as we have done in the past.

25 Today, our support continues as we look

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1 forward to the day when Calvert Cliffs again makes
2 history, receiving NRC approval to continue and
3 operate Unit 3. We look forward to your indepth
4 review and analysis that confirms this impact.

5 In closing, we again request that you
6 continue to provide an open and transparent public
7 process where everyone has an opportunity to ask
8 questions, express their opinions and learn more about
9 the regulatory process.

10 We appreciate your efforts in providing
11 timely public information to the residents of Calvert
12 County.

13 Thank you.

14 MR. CAMERON: Thank you very much,
15 Commissioner Parran.

16 (Applause.)

17 MR. CAMERON: Thank you. We're next going
18 to go to Commissioner Gary Hodge, and Commissioner
19 Hodge is Chair of the Tricounty Council for Southern
20 Maryland and also a Charles County Commissioner.

21 COMMISSIONER HODGE: Thank you very much.

22 I am Gary Hodge, Charles County Commissioner and
23 Chairman of the Tricounty Council for Southern
24 Maryland, and on behalf of the Tricounty Council, I
25 thank you for the opportunity to speak on this most

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1 important initiative, expansion of the Calvert Cliffs
2 Nuclear Power Plant.

3 The Tricounty Council is the regional
4 planning and development agency, permanently
5 established by the Maryland General Assembly in 1966
6 and governed by the 26 elected county commissioners
7 and state legislators representing Calvert, Charles
8 and St. Mary's Counties.

9 On December 13th, 2007, the Council
10 adopted a resolution to support the efforts of Calvert
11 County to secure a third reactor at the Calvert Cliffs
12 Nuclear Power Plant.

13 We adopted this resolution because of the
14 significant positive socioeconomic, environmental and
15 economic impact of the project at the local, regional,
16 state, national and even international levels.

17 As an advocate for Southern Maryland's
18 interests and priorities, I'm pleased to offer support
19 of Unistar's application to construct and operate Unit
20 3 at Calvert Cliffs.

21 The issue at hand is the impact of the
22 environmental report that will ultimately result in a
23 draft environmental impact statement. I'm certain
24 that there will be both support and opposition to this
25 application, but regardless of individual opinions,

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1 responsibility lies with the NRC and the technical
2 experts who will review this documentation to
3 determine which of those comments are most
4 appropriate.

5 We trust the NRC's open process and
6 respectfully request that the NRC keep public comment
7 for the draft environmental impact statement specific
8 to the environmental report findings.

9 I'd like to highlight, if I could, a few
10 passages from the resolution that was adopted by the
11 Tricounty Council for Southern Maryland.

12 "Whereas, the 1,700 megawatt Calvert
13 Cliffs Nuclear Power Plant became operational and
14 began generating electricity in 1975, more than 30
15 years ago, and added a second unit in 1977.

16 Whereas, in March of 2000, Calvert Cliffs
17 became the first nuclear plant in the United States to
18 earn 20-year extensions of its operating licenses from
19 the United States Nuclear Regulatory Commission, an
20 extension to 2034 for Unit 1 and an extension to 2036
21 for Unit 2.

22 Whereas, Calvert Cliffs, the State of
23 Maryland's only nuclear power plant, has maintained an
24 exceptional record of safety, is a significant
25 regional employer, source of local tax revenue,

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1 environmental steward and contributor to the economic
2 prosperity of Southern Maryland, and has proven to be
3 a good corporate citizen in Calvert County and the
4 regional community.

5 And whereas, Calvert Cliffs was originally
6 designed for four reactors.

7 And whereas, it has been more than 29
8 years since the Nuclear Regulatory Commission issued a
9 construction permit for a new commercial nuclear
10 reactor in the United States.

11 And whereas, the construction of a third
12 nuclear reactor at Calvert Cliffs would have a
13 significant state, national and international impact
14 by enhancing the effectiveness of environmental
15 strategies to reduce the consumption of fossil fuels
16 and reduce greenhouse gas emissions that contribute to
17 global warming and by increasing domestic energy
18 production and reducing America's dependence on
19 imported oil.

20 And whereas, the construction of a third
21 nuclear reactor at Calvert Cliffs would dramatically
22 increase Maryland's energy self-sufficiency, nearly
23 doubling the plant's present capacity and generating
24 enough electricity to serve approximately two and a
25 half million homes, more than the total number of

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1 households projected for the state of Maryland in
2 2015.

3 Now therefore be it resolved that the
4 Tricounty Council for Southern Maryland supports the
5 efforts of the Board of Calvert County Commissioners
6 to secure a third reactor at the Calvert Cliffs
7 Nuclear Power Plant. Enacted 13th day of December
8 2007, by the Tricounty Council for Southern Maryland."

9 I'd like to place this resolution into the
10 public record of this meeting.

11 Thank you very much.

12 (Applause.)

13 MR. CAMERON: Thank you very much,
14 Commissioner, and we're going to go now to
15 Commissioner Linda Kelly, who is a commissioner on the
16 Calvert County Commission.

17 COMMISSIONER KELLY: Good evening. Thank
18 you all for being here.

19 My name is Commissioner Linda Kelly. I
20 have been on the Board of County Commissioners for 14
21 years in Calvert County.

22 I speak tonight on behalf of Delegate Tony
23 O'Donnell. Delegate O'Donnell is a state delegate.
24 The plant is located in Delegate O'Donnell's district.
25 He's unable to be there but has asked me to present

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1 into the record the following letter.

2 "Dear Mr. Fredrichs: I am writing to
3 convey my unequivocal support of Unistar Nuclear
4 Energy's application for a combined license partial
5 application for a potential advanced design reactor at
6 Constellation Energy's Calvert Cliffs Nuclear Power
7 Plant. If approved, this reactor will be the third
8 unit at Calvert Cliffs Nuclear Power Plant.

9 I have long recognized the importance of
10 nuclear energy and the electric power industry is a
11 primary source of supplying our country's energy
12 needs.

13 The additional unit will positively
14 contribute to the economic health not only of Calvert
15 County but the entire state of Maryland and the United
16 States through the availability of safe and affordable
17 power.

18 Expansion of Calvert Cliffs allows
19 diversification of energy sources through the use of
20 non-polluting nuclear fuel. The additional unit will
21 meet the increasing energy demands of the State of
22 Maryland and the entire MidAtlantic Region.

23 As a member of the Maryland House of
24 Delegates, Environmental Matters Committee, I am
25 constantly looking for methods to reduce dangerous

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1 greenhouse gas emissions. Since nuclear energy has
2 been proven to be a source of clean energy, I consider
3 it a vital necessity for expanding our nation's energy
4 resources.

5 Newer technology has ensured that U.S.
6 nuclear power plants are safe. Because Calvert Cliffs
7 Nuclear Power Plant is in the heart of my district, I
8 have had the opportunity to receive much input and
9 support from the community regarding the potential
10 expansion. I have had an overwhelmingly positive
11 response from my constituency.

12 Calvert Cliffs has served the citizens of
13 Calvert County well over the past decades as the
14 leading employer in our county. Additionally, Calvert
15 Cliffs has contributed \$16 million annually in taxes
16 which accounts for 9 percent of the county's total
17 revenue.

18 Calvert Cliffs has assisted the county in
19 numerous donations to various organizations and
20 countless students. I have seen many positive results
21 from their presence in Southern Maryland. I can truly
22 say that Calvert Cliffs has greatly enriched our
23 county and allowed for a better quality of life while
24 meeting the energy needs of Maryland.

25 I thank you for taking the time to

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1 carefully review Unistar's application for an
2 additional nuclear power plant at Constellation
3 Energy's Calvert Cliffs Nuclear Power Plant. I am
4 hopeful that after reviewing their application, you
5 will approve their application for an additional unit.

6 Sincerely, signed Anthony J. O'Donnell, Delegate,
7 District 29C."

8 A copy of this record has been -- a copy
9 of this letter has been provided and will be entered
10 into the record.

11 I would like to add to that that as a
12 sitting commissioner and member of the Board of County
13 Commissioners my own personal endorsement of the
14 application for the construction of a third reactor at
15 Calvert Cliffs.

16 I have always been and continue to be
17 perfectly comfortable with the safety record of the
18 plant and the ability of the NRC to oversee and
19 monitor the project and plant operations.

20 To that end, I personally look forward to
21 the expansion to provide much needed electricity to
22 businesses and residents in the distribution area.
23 Our constituents are Calvert Cliffs employees.
24 Calvert Cliffs employees are our constituents and they
25 continue to be a good neighbor.

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1 I think that 30 years of outstanding
2 service has certainly got to count for something.

3 Thank you.

4 MR. CAMERON: Okay. Thank you very much,
5 Commissioner Kelly.

6 (Applause.)

7 MR. CAMERON: We're going to go to our
8 next four speakers. We're going to start with Doris
9 Spencer and then go to Michael Kanaley, then Deborah
10 McClure, then Johanna Neumann.

11 Doris?

12 (No response.)

13 MR. CAMERON: Okay. All right. Thank
14 you. Michael, Michael Kanaley.

15 MR. KANALEY: Good evening. My name is
16 Mike Kanaley, and tonight I'm speaking on behalf of
17 the Clean and Safe Energy Coalition.

18 Led by our national co-chairs Christine
19 Todd Whitman, former EPA Administrator and former
20 Governor of New Jersey, and Dr. Patrick Moore, the co-
21 founder and former leader of Green Peace, our
22 coalition boasts a membership of more than 1,500
23 individuals and organizations across the nation who
24 support our mission.

25 We support construction of new reactors

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1 and are actively engaged in generating a public
2 dialogue to inform others about the ways nuclear power
3 enhances America's energy security and economic
4 growth. Nuclear power helps obtain cleaner air,
5 improves the quality of life, health and economic
6 well-being for all Americans.

7 Our nation is addicted to electricity and
8 that addiction will only grow in the future. The U.S.
9 Department of Energy estimates that our electricity
10 demand will increase 25 percent by 2030. That means
11 for every four people in this room, add another person
12 flipping a switch, opening their refrigerator or
13 adjusting the thermostat.

14 As technology advances, our economy and
15 our population increases, so, too, will our need for
16 energy grow. There was a time when the only thing we
17 carried that used electricity was a watch. Now,
18 laptops, cell phones, Blackberries, iPods, all require
19 electricity to recharge, and in the not-too-distant
20 future, we may be driving cars powered by fuel cells
21 which will also be plugged in for recharging.

22 How will we handle this enormous increase
23 in need? Conservation and more efficient electrical
24 appliances help and a deeper commitment to renewable
25 sources, such as wind, solar and geothermal, is

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1 needed, but conservation and renewable energy don't
2 provide the baseload power we require to ensure the
3 lights go on every time we flick a switch.

4 Consider that today, all renewable sources
5 produce only 2 percent of our electricity while
6 nuclear power accounts for 20 percent. That means one
7 out of every five homes and businesses in the United
8 States is powered by nuclear energy. The reality is
9 we will require more from these sources and all other
10 sources in the years ahead. A wise energy policy
11 recognizes the virtue of diversity and in that diverse
12 plan, nuclear energy is a critical component.

13 Nuclear energy is clean. It's the only
14 large-scale emission-free source of electricity that
15 we can readily expand to meet our growing energy
16 demand. The environmental impact at nuclear plants is
17 far lower than many other types of power-generating
18 plants and therefore it is not surprising that
19 wildlife often flourishes near nuclear power plants.

20 Nuclear energy is safe. In fact, the U.S.
21 Bureau of Labor Statistics has shown that it is safer
22 to work at a nuclear power plant than it is to work in
23 the manufacturing sector or even the real estate and
24 financial industries.

25 Finally, a nuclear plant makes a good

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1 neighbor, as many people here tonight have already
2 indicated. It supports high-paying jobs directly at
3 the plant, generates additional jobs in the community
4 where it is located, and contributes by helping build
5 good schools, roads, and other civic improvements.

6 We all have a shared stake in America's
7 energy future. Now is the time for our country to
8 build more nuclear power plants, to enable those to
9 generate electricity with a clean, safe and dependable
10 source of power.

11 Calvert Cliffs has been a reliable
12 generator of electricity in Maryland for many years
13 and we hope it will continue to do so for many more.
14 We support the NRC's preliminary recommendation and
15 the continuation of the licensing process that will
16 lead to a new construction at Calvert Cliffs.

17 Thank you.

18 MR. CAMERON: Thank you, Mike.

19 (Applause.)

20 MR. CAMERON: Deborah, Deborah McClure.

21 MS. McCLURE: Good evening. My name is
22 Deb McClure. I'm a business owner, a member of the
23 Calvert County Chamber of Commerce, and I'm on the
24 Board of the Chamber.

25 As a local business owner, I'm committed

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1 to ensuring that Calvert County's economy remains
2 diverse and robust, especially in these tough economic
3 times.

4 We must seek and support development that
5 will stimulate our economy, provide jobs, additional
6 tax revenue, and new business opportunities. We have
7 to be open-minded and flexible when considering what
8 we're up against. We have to keep an eye on the
9 important role that Calvert Cliffs plays in our
10 economy.

11 AS someone who works in the insurance
12 industry, I know a little bit about risk and I know
13 there's a lot of what ifs that come into play when
14 you're talking about nuclear power, but I know the
15 facts and the facts are that the last 30 years,
16 Calvert Cliffs has had a stellar energy and safety
17 record.

18 It's one of the most highly regulated,
19 carefully managed and transparent industries in the
20 country, and a perfect example of that is the public
21 meeting that we're attending right now.

22 Constellation takes their environmental
23 management of the property located here very seriously
24 and we have seen them keep up with the safety
25 regulations year after year. I know that this has

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1 been a better place since they came here 30 years ago
2 by diversifying our population, creating good jobs,
3 and adding significantly to our community in
4 charitable ways.

5 For these reasons, I support the
6 construction of the third reactor and I do so as a
7 resident of Lusby, sharing a zipcode with the new
8 reactor. I look forward to the day when new
9 construction begins and it will be a part of the new
10 energy generation of power in the United States, and
11 I'm happy that we can all be a part of that.

12 Thank you.

13 (Applause.)

14 MR. CAMERON: Thank you, Deborah. We will
15 go to Johanna Neumann of Maryland PIRG. Thank you.

16 MS. NEUMANN: Good evening. My name is
17 Johanna Neumann. I'm the State Director of the
18 Maryland Public Interest Research Group.

19 Maryland PIRG has been in the state for
20 about 30+ years and we as an organization recognize
21 that Maryland is facing very serious energy
22 challenges. You know, the Public Service Commission
23 and the Maryland Energy Administration estimate that
24 by 2011, we could be seeing blackouts and brownouts in
25 the state because of our demand for electricity.

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1 At the same time, many ratepayers in the
2 state have seen their utility rates skyrocket.
3 However, we don't think that that is reason to build a
4 new nuclear power plant in Maryland. We believe that
5 there are cleaner, safer, and more affordable
6 alternatives, so that Maryland can meet its energy
7 challenges while moving forward with a clean energy
8 economy and, you know, ultimately a much more
9 environmentally sound and much more conscious of
10 public health energy future.

11 Specifically, we encourage the NRC to
12 expand the scope of their environmental impact
13 statement to consider a greater scope of safety. In
14 particular, you know, we live in a world right now
15 where the reality of a jumbo jet aerial assault is an
16 unfortunate reality but it's a reality nonetheless and
17 we need to make sure that the Nuclear Regulatory
18 Commission considers that as they move forward in this
19 proceeding.

20 Secondly, we encourage the NRC to look at
21 alternatives. You know, to me, it seems like we're
22 here because the tail is wagging the dog.
23 Constellation puts in an application and the NRC
24 reviews that rather than saying what is truly in the
25 best interests of the people of Maryland, and it's our

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1 belief that through a combination of energy
2 efficiency, clean renewables, like solar, wind, and
3 geothermal, combined heat and power, and distributed
4 generation, the state can meet its energy needs
5 without investing a lot of money in a new nuclear
6 power plant.

7 Lastly, we strongly feel that there should
8 be a cost-benefit analysis as part of the
9 environmental impact statement. You know, when
10 Constellation was first embarking on this process,
11 they were thinking the reactor might cost, you know,
12 \$2.5 to \$3 billion. You know, new analyses coming out
13 of Florida suggest that the cost may be as much as \$12
14 billion. Those are significantly different figures
15 and before we embark on that kind of plan, we need to
16 make sure we know what we're getting into and so a
17 cost-benefit analysis, looking at the tiered
18 construction costs, should be part of this
19 environmental impact statement.

20 Thank you so much for taking the time to
21 listen and I'll be here if anybody wants to talk.

22 Thank you.

23 (Applause.)

24 MR. CAMERON: Thank you very much,
25 Johanna. We're next going to go to Elizabeth

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1 McAndrew-Benevides, then Bill Chambers, Robert
2 Schlager, and Nick Garrett. Elizabeth?

3 MS. McANDREW-BENEVIDES: Hello, everybody.
4 My name is Elizabeth McAndrew-Benevides. I am a
5 resident here of Calvert County, and I am also a
6 nuclear engineer. I'm here today representing North
7 American Young Generation of Nuclear, which is a
8 professional society of 3,300 young professionals that
9 work daily in nuclear science and technology.

10 The reason why I'm here today is because
11 North American Young Generation of Nuclear is a
12 dedicated group of individuals looking forward to the
13 future of our world. Being part of that future, we
14 hope that nuclear power will be a great part of our
15 society.

16 We support fully Unistar and Constellation
17 Energy's bid in order to review the possibilities of
18 building a new nuclear power plant here in the United
19 States, hopefully here in Maryland, as well as in
20 other areas, in order to ensure a bright future for
21 all Americans.

22 Thank you.

23 (Applause.)

24 MR. CAMERON: Thank you, Elizabeth. And
25 this is Bill Chambers.

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1 MR. CHAMBERS: Good evening, everybody.
2 I'm Bill Chambers, and I am a resident here in Lusby.
3 I'm a member of the Chamber of Commerce, but more
4 importantly, I'm a father of two young children here
5 in the county.

6 As a long-time neighbor of the plant and I
7 can tell you I'm within walking distance of the plant
8 property, I fully support the potential expansion of
9 Calvert Cliffs for many reasons but primarily based on
10 their corporate presence, their impeccable safety
11 record.

12 I thank the NRC for their continued
13 efforts to ensure that the public stays informed here
14 in our great county.

15 I've done my best to keep myself informed
16 of this project and to make sure that Constellation
17 Energy and Unistar are treated fairly from a business
18 perspective, and I believe that your process truly
19 helps people stay informed.

20 I read a letter to the editor recently
21 blasting this potential expansion as related to a
22 number of items, including job growth, the limited
23 availability of labor and the fact that most of the
24 higher-paying jobs related to the plant expansion
25 would be highly specialized, with the eligible

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1 employee pool mostly trained on Navy nuclear
2 submarines.

3 Not only is this not true, I couldn't
4 disagree more with that premise. It is true that the
5 Navy trains many, many nuclear workers, but the fact
6 is that universities across the United States, almost
7 1,900 of them, offer fields of study in undergraduate
8 nuclear energy programs. Less than eight years ago,
9 only 500 universities offered these programs.
10 Universities have recognized the significance and
11 importance of the nuclear power industry. We need to
12 do as well.

13 Utilities need a workforce with a broad
14 range of disciplines, therefore it is our school
15 system that needs also to partner with our community
16 college, universities, and Calvert Cliffs to begin
17 early awareness for potential in this field, and
18 because job creation is critical here locally in
19 Calvert County, an expanded Calvert Cliffs would be a
20 huge economic and socioeconomic boon for Calvert
21 County and the State of Maryland.

22 So I ask the NRC to review the impact an
23 expanded Calvert Cliffs may have on education and this
24 request is not meant to be negative at all. In fact,
25 I'd like this raised because I believe that creating

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1 opportunity for our local youth will allow our
2 children to live and work in the community in which
3 they are raised.

4 Thank you.

5 (Applause.)

6 MR. CAMERON: Thank you, Bill. Robert
7 Schlager? Oh, hi.

8 DR. SCHLAGER: I'm Dr. Robert Schlager.
9 I've been here for 30 years as a physician and a
10 citizen of Calvert County. I'm also the Vice
11 President for Medical Affairs at Calvert Memorial
12 Hospital.

13 I'm here today to speak on behalf of
14 Calvert Memorial Hospital, to address the medical and
15 emergency management systems that would be needed to
16 support the potential addition of a third nuclear
17 reactor at Calvert Cliffs Nuclear Power Plant.

18 Our hospital has had a longstanding
19 positive relationship with Constellation Energy and
20 the leaders of Calvert Cliffs. Both our physicians
21 and Emergency Department staff are trained to respond
22 in the event of a radiation emergency and we conduct
23 annual reviews and emergency preparedness with
24 Constellation to ensure a continual state of
25 readiness.

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1 We've recently completed a \$33 million
2 hospital expansion project which includes the
3 renovated and expanded Emergency Department with a
4 three-stage decontamination area capable of treating
5 50 patients per hour, a new Intensive Care Unit and
6 additional patient beds.

7 We have sufficient capacity now where we
8 could handle an influx of construction or other
9 workforce that may occur as a result of this project,
10 heaven forbid that, of course.

11 In addition, the new decontamination
12 center, coupled with our existing center and a
13 portable unit which is housed onsite, will give us the
14 capacity of handling up to a 110 patients per hour.

15 We have formal memorandums of
16 understanding with St. Mary's Hospital down in
17 Leonardtown, with Sophista Medical Center in La Plata,
18 and several area tertiary hospital centers to
19 facilitate transfer of patients, personnel, equipment,
20 and supplies in the event of any large-scale
21 emergency.

22 We also participate in the Maryland
23 Incident Management System and we are FEMA-certified
24 for nuclear response.

25 We truly appreciate our longstanding

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1 relationship with Constellation Energy and through
2 that relationship, we're very confident that they
3 share our commitment to safeguarding the health of our
4 community.

5 Thank you.

6 (Applause.)

7 MR. CAMERON: Thank you. Nick Garrett.

8 MR. GARRETT: Good evening, good evening.

9 My name is Nick Garrett, and I'm Chairman of Calvert
10 County's Tourism Advisory Commission, a resident of
11 Prince Frederick, and my business is in Owings,
12 Calvert County native.

13 In fact, it's amazing how quickly
14 technology and energy needs evolve. When Unit 1 went
15 up in 1975 and Unit 2 in 1977, my grandfather was in
16 the House of Delegates as a state legislator. So, I'm
17 very proud to be here tonight.

18 On behalf of the committee, I want to
19 voice our support for the potential expansion of the
20 plant and the findings of the environmental report.

21 I also want to thank the NRC for this
22 forum. This is the most excellent way to ensure that
23 the citizens of Calvert County can be heard and that
24 hopefully concerns can be addressed about this.

25 I think the environmental impact that the

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1 plant could have on our community is probably the
2 paramount issue. That being said, I think the
3 environmental impact has been dealt with adequately in
4 the past and there's no reason to believe it won't be
5 dealt with the same way in the future.

6 In fact, I recently was able to attend the
7 Southern Maryland delegation meeting in Annapolis
8 where the presentation of this project was the issue
9 and the thing that amazed me the most was the
10 innovation involved and the creative approach to the
11 construction of this facility.

12 Folks, there is no more important issue
13 right now in Maryland than our energy future and our
14 environmental future, and I'm telling you the state
15 legislature is working their butt off to study our
16 energy and our environmental future. It is going to
17 be innovation that gets us where we need to be.

18 Calvert Cliffs has been a keystone of our
19 community. Volunteerism, strengthening the tax base,
20 and their charitable work, particularly with the
21 United Way, is noteworthy.

22 We're here tonight, though, to discuss the
23 specific findings of the environmental report and the
24 Tourism Commission feels that the NRC, during the
25 independent review, will find that the impact on the

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1 environment is minimal and we'll certainly look to
2 your experts to confirm that.

3 From a tourism perspective, we see no
4 negative impact. Instead, we envision what we already
5 know. More people here, more visits to our local
6 sites and treasures, more people shopping in our shops
7 and stores. Tourism is a huge economic engine in
8 Calvert County, and we thank Calvert Cliffs for the
9 ongoing support and the focus on protecting the
10 environment locally.

11 Folks, I know that nuclear energy strikes
12 a fearful chord in a lot of people, but it's my hope
13 that the new nuclear renaissance that is occurring
14 right now will both promote and educate people on what
15 a clean and effective means of energy that this is for
16 the State of Maryland.

17 Let me finish on this, and this is why
18 personally I support this. Unistar Nuclear Energy,
19 our objectives, enhance U.S. energy security. Number
20 4. Address global climate change. Are these not the
21 most important issues we are dealing with as a nation?

22 Thank you.

23 (Applause.)

24 MR. CAMERON: Thank you, Nick. This is
25 one of those whimsical coincidences that sometimes

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1 happens, and we led off the meeting with Commissioner
2 Wilson Parran and now we have another Wilson Parran
3 who's going to come up and talk to us.

4 Wilson Parran, Sr., I've already checked,
5 and Mr. Parran.

6 MR. PARRAN: Good evening. As was
7 previously said, I am Wilson Parran. I'm Wilson L.
8 Parran, Sr., and I think the commissioner is Wilson H.
9 Parran.

10 I come on behalf of Laborer's Local 657 of
11 Washington, D.C., and Vicinity. I'm a resident of
12 Calvert County. I've been here 66+ years. I was
13 fortunate to work at Calvert Cliffs from 1968 through
14 1969, during the construction phase of Unit 1 and Unit
15 2, and also when they had their first outage.

16 I realize the hazardous potentials of the
17 power plants and of the areas, but I also know that
18 the safety there is very great. Right now, I work at
19 a fossil fuel power plant and the safety there is no
20 where near what the safety is at Calvert Cliffs
21 Nuclear Power Plant.

22 The economy is in an area right now where
23 we need jobs such as the third reactor coming to
24 Calvert Cliffs. We as union employees are in a
25 turmoil right now. That plant alone would bring most

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1 crafts back up to standards and that's what we are
2 looking forward to.

3 I personally own about 15 acres in a town
4 center right in St. Leonard and I am still in favor of
5 another reactor right in Lusby, Maryland.

6 We as a group of union people have weighed
7 the pros and cons and we, too, have agreed that the
8 construction phases and the construction people are in
9 favor of another reactor at Calvert Cliffs.

10 And in closing, I would like to say that
11 the nuclear energy is working along with the union
12 contractors to make sure that they, too, will work
13 safe at these power plants and so we can have another
14 reactor at Calvert Cliffs.

15 Thank you very much.

16 (Applause.)

17 MR. CAMERON: Thank you. Thank you, Mr.
18 Parran. We're going to go next to Gwen Dubois who's
19 with Physicians for Social Responsibility. Gwen?

20 DR. DUBOIS: Thank you. I came down from
21 Baltimore and I just want to give you a little
22 background as to why a physician from Baltimore would
23 be concerned, besides I have some neighbors who moved
24 from Baltimore to Lusby.

25 I have been involved for about 25 years in

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1 Physicians for Social Responsibility which is an
2 organization concerned about prevention of nuclear war
3 and the prevention of the proliferation of nuclear
4 weapons and so in reading about this subject, I've
5 learned that the relationship between nuclear energy
6 and nuclear weapons and the enrichment of uranium is
7 the same process whether it be to produce fuel for
8 nuclear energy or to produce weapons grade materials.

9 So, the Hiroshima bomb was made from enriched uranium
10 and that's why we're so concerned about Iran enriching
11 uranium even though they say it's for nuclear power.

12 On the other hand, the reprocessing of
13 spent fuel is how you separate plutonium and it's the
14 same plutonium whether it's fuel from a nuclear power
15 plant or it's the weapons grade material that was the
16 material that the Nagasaki bomb was built from.

17 So, it's with that background that I began
18 reading more about nuclear energy. Now, if nuclear
19 energy was the only way we could avoid climate change,
20 global warming, then we'd have to weigh those risks,
21 but there are alternatives, including wind power and
22 solar energy and efficiency.

23 So, given that, I want to bring forth some
24 issues that are cautionary for the citizens here
25 because the risks of being in a community with a

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1 nuclear power plant are your risks. You are taking
2 this burden on for the rest of the state and in so
3 doing, you know, which is very generous of the people
4 here, the question is, is it a risk that has benefit
5 to it? And I don't think so.

6 Many question the safety of nuclear power
7 plants because of the culture of the NRC and with all
8 due respect, because I know I'm being a little rude to
9 my hosts who've been kind enough to let me speak
10 because I have to drive back to Baltimore, but these
11 are some of the issues that the NRC has come under
12 fire for recently: ignoring a whistleblower account
13 of guards asleep at Peach Bottom.

14 Now, Robert Alvares, apparently was an
15 advisor to the Energy Department under President
16 Clinton, reported that an accident at Peach Bottom
17 could create a contaminated area four times the size
18 of Chernobyl.

19 The NRC whistleblowers -- excuse me.
20 There were -- the NRC turned over the investigation of
21 the problem of the sleeping workers to the very
22 managers who allowed the guards to be unmonitored in
23 the first place. Not until the same whistleblower
24 sent recordings of the sleeping guards to a TV station
25 in New York did the NRC pledge to review how it

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1 handled the complaint.

2 Recently, the NRC has come under criticism
3 by the Office of the Inspector General for failing to
4 document how safety inspections support
5 recertification of 13 aging power plants, and in
6 addition, there's the issue of the sump pumps and
7 Calvert Cliffs has sump pumps that we know since 1996
8 have the potential for becoming clogged if there's a
9 leak of water suddenly. It can chip off paint and
10 clog these sump pumps and the NRC has allowed the
11 power plants, including Calvert Cliffs, to take a long
12 time in replacing these and so my understanding is
13 those sump pumps, they're still there. So, there are
14 known safety problems.

15 Here in Maryland, residents of Lusby,
16 within 10 miles of the evacuation zone for Calvert
17 Cliffs, as far as I understand, received no safety
18 instruction packets until December 2007, a day before
19 some public hearings that I attended late last year.

20 I know that there's a shortage of beds and
21 a recently reported shortage of doctors in Southern
22 Maryland. This area is the area that has the greatest
23 shortage of physicians in the state of Maryland and
24 meanwhile the population is really growing here.

25 I figure 54,000 residents in the area and

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1 I'm sure it's higher now, and there's inadequate
2 escape routes for this peninsula community. There's a
3 bridge to the south, as you all know better than I,
4 and the 2-4 road north which I'm getting better
5 acquainted with, and I understand that at rush hour,
6 there are problems just on a regular day.

7 So, with an accident at a nuclear power
8 plant, it's, of course, different than an accident
9 elsewhere. There is radioactive material that would
10 be dispersed and citizens are at risk of ingestion and
11 inhalation. Radioactive iodine can be a cause of
12 thyroid cancer and then the other radioactive material
13 can be risk factors down the line for cancers in the
14 future.

15 After an accident, will hospital staff
16 still be at the hospital or will they be -- some will
17 be evacuating with the rest of the population. The
18 latest estimate of a meltdown accident, what the
19 mortality and morbidity would be, unfortunately, is
20 very old. It's the CRAC Report from 1982, but they
21 estimated for each unit injuries of 15,000 each and
22 fatalities up to 5,600 each. Now whether that's
23 accurate or not, that's the latest report that I've
24 seen.

25 So, I would urge us not to be rushing to

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1 approve the construction of another large reactor on
2 this congested peninsula. We already have two aging
3 reactors where there are serious safety concerns
4 despite what other people have said. There are
5 potential safety concerns. Let us resolve the safety
6 problems at Calvert Cliffs 1 and 2 first. Let's fix
7 the sump pumps, develop a back-up alarm system that
8 will work even in a blackout. Let's distribute
9 potassium iodine. Let us develop better evacuation
10 plans and have drills for people who live in Lusby.
11 Let's make the data for recertification of Calvert
12 Cliffs 1 and 2 available to the public, so we begin to
13 feel more comfortable living in a community with aging
14 power plants before we build another.

15 Thank you.

16 (Applause.)

17 MR. CAMERON: Thank you. Thank you, Gwen.

18 We're going to go next to -- and I'm not sure I'm
19 pronouncing this right. Is it Daniely Holter? Is
20 anybody here with the last name of Holter?

21 (No response.)

22 MR. CAMERON: Okay. We're going to go to
23 Nate Pope and then we'll go to Kevin Kamps.

24 MR. POPE: Thank you very much. Good
25 evening. My name is Nate Pope, and I serve as the

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1 Chairperson of the Economic Development Commission,
2 Calvert County Economic Development Commission, and
3 I'm also a resident here in Calvert County. I live in
4 Owings, Maryland.

5 As the EDC chair, I am unequivocally -- I
6 can unequivocally state that we have historically
7 supported the Calvert Cliffs. Constellation has a
8 significant corporate presence and is an outstanding
9 partner in our community.

10 From an economic development standpoint,
11 the presence of Calvert Cliffs is significant. Before
12 Calvert Cliffs, Calvert County was one of the poorest
13 counties in the state of Maryland. Today, Calvert
14 Cliffs' impact continues to resonate through our job
15 creation, revenue paid to the county, and notable
16 financial and volunteer contributions.

17 It is my understanding that the
18 environmental report shows minimal impact to the
19 environment. We look forward to the NRC's independent
20 review that will confirm that this is the case.

21 As you weigh public comments, we
22 understand that nuclear critics will cite
23 environmental concerns. Regardless of the outcome,
24 please accept on behalf of the Calvert County Economic
25 Development Commission our understanding of the NRC's

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1 process.

2 Our support and understanding of the
3 minimal impact of the environmental report and our
4 best wishes as you conduct your independent research,
5 review.

6 In closing, we ask everyone to recognize
7 that without nuclear energy, vast amounts of future
8 electric needs will be produced by coal or other
9 phosphate fuels, and without new clean-based low-
10 generation, the increase in pollution and greenhouse
11 gas emissions will significantly contradict all
12 arguments for clean air.

13 Thank you very much.

14 (Applause.)

15 MR. CAMERON: Thank you. Thank you, Nate.

16 And Kevin?

17 MR. KAMPS: Good evening. My name is
18 Kevin Kamps, and I work at Beyond Nuclear, which is a
19 watchdog organization on the nuclear power industry.
20 We're based in Takoma Park, Maryland, and I'm a Prince
21 George's County resident.

22 I wanted to start with a couple quotes.
23 The first is a good one from Upton Sinclair. "It's
24 hard to get a man to understand something if his
25 paycheck depends on him not understanding it." So, my

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1 cautions and concerns tonight may fall on some deaf
2 ears in the audience but so be it.

3 My second quote is from Albert Einstein.
4 "The splitting of the atom has changed everything
5 except for how we think. Thus we drift towards
6 unparalleled catastrophe."

7 I just wanted to point out the risks that
8 will come with having two old reactors at Calvert
9 Cliffs combined with having a new reactor at Calvert
10 Cliffs. The most infamous nuclear accidents in world
11 history were Three Mile Island and Chernobyl, Three
12 Mile Island right here in the Chesapeake Bay
13 Watershed, and those were brand-new reactors. The
14 bugs had not been worked out and that's what we're
15 facing with this evolutionary power reactor from
16 AREVA.

17 The old reactor risks have to do with the
18 deterioration of reactors with time, with age-related
19 degradation, the wearing out of equipment, and we've
20 had some close calls in the United States. We had
21 Indian Point near New York City in February of 2000
22 which blew a steam generator tube which could have
23 cascaded into a multiple tube rupture and a loss of
24 coolant accident.

25 We had Davis-Besse near Toledo, Ohio,

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1 which had a massive corrosion hole in the lid which
2 had three-sixteenths of an inch of steel left and
3 could have also caused a loss of coolant accident.

4 Those are age-related near-misses. We're
5 going to have both risks at the same time at Calvert
6 Cliffs if this new reactor is built, and Dr. Dubois
7 just mentioned these figures. This is from the NRC's
8 own calculation of reactor accident consequences. The
9 most recent such report that the agency has done way
10 back in 1982, and the peak early fatalities that they
11 estimated for Calvert Cliffs 1 and 2 were 5,600 peak
12 early fatalities at each reactor in a major accident.
13 The peak early injuries were 15,000 at each reactor.
14 The peak cancer deaths were 23,000. So that's a lot
15 of injuries and deaths. A grand total of 87,200
16 deaths and injuries if there's a major accident
17 involving both reactors at that site right now.
18 Adding a third reactor would add more risk there.

19 The property damages from that 1982 report
20 were around \$90 billion at each reactor if there's a
21 major accident. So, if you adjust for inflation,
22 double that amount of money, and again these were 1980
23 era population figures. So, you have to increase the
24 casualty rates because the population has grown since
25 then.

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1 So, really, a major radiological release
2 from Calvert Cliffs would be like a Chernobyl on the
3 Chesapeake. Someone mentioned socioeconomics earlier
4 and I would point out that if there's an accident at
5 Calvert Cliffs, even a minor one, that there will be
6 radiological stigma associated with that. The NRC
7 should consider that in its socioeconomic analysis.
8 The impact on tourism, the impact on fisheries, the
9 impact on all aspects of the economy in this region,
10 if there's even a small accident at Calvert Cliffs,
11 let alone a major one.

12 Reliability has been brought up,
13 especially during the earlier session today, and I
14 would just point out to everyone that the Union of
15 Concerned Scientists recently put out a study of about
16 50 instances of one-year shutdowns at nuclear power
17 plants, one year or longer shutdowns at nuclear power
18 plants in the United States. These are safety-related
19 shutdowns.

20 Some examples would be Davis-Besse for two
21 years after the corrosion hole, not a lot of
22 electricity flowed from Davis-Besse. Three years at
23 the Cook Nuclear Plant in Michigan for major safety
24 violations, and, of course, if you look at Browns
25 Ferry, that was a 21-year shutdown from 1985 to 2006.

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1 So, reliability. I would argue that
2 there's reliable, fast, cheap, clean, safe, and more
3 secure sources of electricity. Those would include
4 efficiency and renewables and Amory Lovins just made
5 this point at a congressional hearing just last week
6 in Washington, D.C. He pointed out that micropower
7 and what he calls megawatts are trumping nuclear power
8 in the marketplace and this has been going on for
9 decades. Megawatts referring to efficiency,
10 electricity savings that forego the need to create new
11 generation which is often polluting in nature.

12 He also mentioned wind as the fastest-
13 growing new source of electricity, not just in the
14 United States but around the world.

15 Efficiency is seven times more cost-
16 effective dollar for dollar than nuclear power in
17 reducing greenhouse gas emissions. So, given our
18 limited resources and our limited time in addressing
19 this crisis, we really have to go for the low-hanging
20 fruit.

21 Nuclear is one of the most expensive and
22 one of the most time-consuming ways to generate
23 electricity, and I would like to commend Constellation
24 Energy for its Super Bowl ad at the end of January
25 where they showed wind power and the potential of wind

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1 power, but strangely enough, they didn't mention
2 nuclear at all. So, I would call on Constellation to
3 live up to its Super Bowl ad and pursue wind power.

4 So, evacuations have also been mentioned
5 today, and there's been some confidence expressed in
6 the ability to safely evacuate the residents of the
7 surrounding region if there is an accident at Calvert
8 Cliffs, and I would just point people to the map in
9 the lobby that Public Citizen has prepared showing the
10 bottlenecks, including the bridge right here, that
11 could complicate or even prevent an effective
12 evacuation, but I would even point out if an
13 evacuation is carried out without a hitch, what does
14 that mean if there's a major radioactivity release
15 from Calvert Cliffs?

16 That could mean that people can never come
17 back. You can leave but you can never come back and I
18 would have people keep that in mind, again with the
19 memory of Chernobyl where there's a growing dead zone
20 around that reactor as the radioactivity spreads in
21 the environment.

22 I would also point out that one of the
23 board of directors, actually the chairman of the board
24 of AREVA is Spence Abraham. He was George W. Bush's
25 first Energy Secretary. Before that, he was a U.S.

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1 Senator from Michigan, and we once congratulated and
2 thanked Senator Abraham for expressing concerns about
3 a shipment of plutonium through Michigan. He said
4 that the emergency responders were not prepared and
5 this large population density was a bad place to ship
6 plutonium through, and we thanked him for taking that
7 strong stance.

8 The amount of plutonium that he was
9 talking about in that shipment was equivalent in size
10 to two double AA batteries and he was right to make
11 these concerns public because even that much plutonium
12 can cause a huge problem if released.

13 The problem is now that Mr. Abraham,
14 working with AREVA, every one of the reactors that
15 AREVA builds would make enough plutonium every year to
16 build 40 nuclear bombs with.

17 I spoke at the earlier session about
18 nuclear waste and the nuclear waste confidence
19 decision that the NRC uses to approve the generation
20 of waste and prevents the public from raising concerns
21 about the generation of waste, and I would point out
22 that Yucca Mountain is looking more and more likely to
23 never open which means that Calvert Cliffs will sit on
24 thousands of tons of radioactive waste if that dump
25 never opens. It already has a thousand tons. It will

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1 double or triple or quadruple that amount as time goes
2 on.

3 In addition, the place where Calvert
4 Cliffs has for decades dumped its so-called low level
5 wastes, Barnwell, South Carolina, is closing for
6 business, at least to the State of Maryland, June 30th
7 of this year. So not only is the high-level waste
8 going to build but so will the low-level waste at
9 Calvert Cliffs. A radioactive waste dilemma with no
10 solution.

11 I would also point out that at the FEMA
12 meeting that was held about Calvert Cliffs last
13 December, it became pretty clear that the distribution
14 program for potassium iodide has a lot of problems in
15 this area. The FEMA representative did not even know
16 where the potassium iodide is stored on a local basis
17 and I do have some potassium iodide with me today, if
18 anyone's interested to get some, especially for their
19 family, because the distribution of this safety
20 precaution in the area does not seem to be organized.

21 Another issue is the doing away with NEPA
22 protections by the NRC. The NRC under a recently-
23 promulgated change to its regulations has redefined
24 what the word "construction" means and effectively 90
25 percent of the construction of this new reactor, NRC

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1 no longer considers falling under the National
2 Environmental Policy Act. They can do a lot of
3 construction at the Calvert Cliffs 3 site without
4 doing an environmental assessment of the environmental
5 impacts, and I just ask how does that comport with
6 protecting the coastline of the Chesapeake?

7 There was an NRC statement earlier today
8 that this is a well-oiled process and we would agree
9 with that, that the skids are greased for approval of
10 this third reactor, but the concerned public will be
11 there at every step of the way to challenge this.

12 Another point is the subsidies that
13 nuclear power has enjoyed for decades and just to give
14 a few examples of little known subsidies, nearly a
15 billion dollars in construction debt that the
16 ratepayers of Maryland have taken on for the first two
17 reactors at Calvert Cliffs, \$975 million.

18 Just last December, over \$20 billion was
19 approved in nuclear loan guarantees for new reactors
20 and for uranium enrichment in the United States. This
21 is to an industry that profits at each reactor about a
22 million dollars per day and has already enjoyed
23 hundreds of billions of dollars in subsidies over the
24 decades.

25 And of course, the Price-Anderson Act,

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1 someone mentioned that they were an insurance
2 specialist earlier, the Price-Anderson Act has been
3 renewed. That means that if there's a major accident
4 at Calvert Cliffs, that it will be the U.S. taxpayers
5 who bear the brunt of that accident in large part.

6 MR. CAMERON: Kevin, can I ask you to just
7 sum up for us, please?

8 MR. KAMPS: Yes, the list of subsidies is
9 too long, I'm going to have to --

10 MR. CAMERON: Yes, thought you might have
11 a lot of points.

12 MR. KAMPS: Yes. I would just mention the
13 9/11 Commission Report, that it was identified by the
14 9/11 Commission that even the 9/11 attackers had
15 considered attacking the Indian Point Nuclear Power
16 Plant near New York City but did not get approval in
17 time to change their plans, and given the location of
18 Calvert Cliffs so close to the Nation's Capital, so
19 close to the state's capital, I would urge the NRC to
20 take the terrorist threat seriously and to look at
21 those risks.

22 The last point I'll make is someone
23 mentioned that it's safe to work at nuclear power
24 plants. I think it was the Clean and Safe Energy
25 Coalition.

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1 They were talking about worker loss time
2 in terms of industrial injuries and I would point out,
3 looking back at the NRC's numbers there, the safety at
4 Calvert Cliffs could impact the entire state of
5 Maryland and beyond.

6 Thank you.

7 MR. CAMERON: Okay. Thank you, Kevin.
8 I'm going to go to --

9 (Applause.)

10 MR. CAMERON: -- Bill Scarafia. Bill, are
11 you still here? There he is. Okay. Bill Scarafia,
12 and then we'll go to Paul Gunter, Mike McGough, and
13 Brad Karbowsky.

14 MR. SCARAFIA: Good evening. My name is
15 Bill Scarafia. I'm the President and Chief Executive
16 Officer of St. Mary's County Chamber of Commerce.

17 I did submit testimony prior to this and
18 the basic premise behind all of that was the fact that
19 although the proposal is to build a new facility in
20 Calvert County, in the Southern Maryland region, the
21 economics and the environment are the concern of the
22 entire Southern Maryland region, including St. Mary's
23 County.

24 Because of that, our organization did
25 collaborate to put together a rather indepth meeting

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1 with the folks from Constellation Energy to review all
2 of the information that was being filed and then after
3 we had that meeting challenged our business and
4 community leaders to go out and prove them wrong on
5 what they provided to us and gave them several weeks
6 to do that and reconvened the group and nobody could
7 question a number of things.

8 First of all, the Unistar commitment to
9 using the most efficient, safe and tested technology
10 available, the fact that Constellation Energy has
11 shown management excellence and expertise and an
12 outstanding safety record, that there has been both
13 economic and social benefit not only in Calvert County
14 but throughout Southern Maryland and in the state of
15 Maryland, and they have brought 800 employees here for
16 the current Calvert Cliffs operation who are important
17 members of our community.

18 When we look at the potential for this new
19 facility and the 2,000 on up construction jobs,
20 another economic benefit. When we look at the 400
21 potential permanent jobs after completion, high-paying
22 technically advanced jobs, if those people are not
23 readily available here, we have a community based in
24 technology due to a facility that we're very proud of,
25 the Patuxent River Naval Air Station, who has over the

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1 past 15 years brought the focus of technology
2 development, research, engineering, and test and
3 evaluation for the entire Navy here. Those people who
4 would have to come here to fill those jobs can
5 assimilate into this community very easily.

6 Our communities throughout Southern
7 Maryland have all collaborated to build a feeder
8 system throughout our public schools and our higher
9 education in the areas of science, technology,
10 engineering and math, what everybody in the country is
11 calling STEM, so that our citizens will be able to
12 produce the kind of workers that they will need and as
13 one speaker said earlier, we will now have another
14 opportunity for our local graduates to live and work
15 here.

16 But I really want to talk more about the
17 process that we went through. A lot of people who are
18 not familiar with our organization and who may be
19 opposed to this facility might use the theory that as
20 a business organization, if it's pro business, they'll
21 be for it. If anybody in the room's ever dealt with
22 the St. Mary's County Chamber of Commerce, that's not
23 the way we operate.

24 Seventy-five percent of the people who
25 work, who are workers who live in St. Mary's County

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1 work in St. Mary's County. When we make our
2 decisions, we make our decisions based on two things.

3 It has to be business appropriate and beneficial but
4 it has to be community beneficial as well.

5 Why would we want to risk our employees
6 and their quality of life? Why would we want to have
7 a community that nobody would want to come to live in?

8 You can't have a successful economy, a successful
9 business community without a successful and stable
10 community.

11 I thoroughly agree with the gentleman who
12 spoke before me about having to wonder about comments
13 people make if their paycheck depends on it. Mine
14 doesn't. I'm only the messenger. When our Chamber
15 board voted, they voted unanimously to support the
16 expansion of Calvert Cliffs, and I trust that since
17 this may be the first design of this type in the
18 United States but it's not just being reviewed by the
19 NRC, it's being reviewed by other nations as well, and
20 most of the comments that I'm hearing are not
21 necessarily comments about the application or Unistar
22 or Constellation. The comments are about the NRC.

23 Let's look at the proposal and the
24 program. We're as concerned as anybody else about our
25 citizens, about their safety and about their future.

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1 We're committed to that, but we're also in favor of
2 this proposal.

3 Thank you.

4 (Applause.)

5 MR. CAMERON: Okay. Thank you, Bill.
6 Paul? This is Paul Gunter.

7 MR. GUNTER: Thank you. My name is Paul
8 Gunter. I'm Director of the Reactor Oversight Project
9 for Beyond Nuclear out of Takoma Park.

10 I'm going to keep my remarks brief
11 tonight, I made my formal statement this afternoon,
12 but I do want to reiterate that the environmental
13 impact statement that's being proposed right now, we
14 believe that it should include a full analysis and
15 evaluation of the impacts of aircraft and the hazard
16 that we now face, the threat that we now face with
17 regard to 9/11.

18 The agency and a lot of what we've heard
19 tonight have touted that this process is transparent.

20 We truly would like to see a transparent process that
21 fully evaluates the threat as we see it. However, the
22 facts are that on December 18th, 2002, the U.S.
23 Nuclear Regulatory Commission by order said that no
24 security contentions would be addressed in any of its
25 licensing proceedings.

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1 Now, the curtain has fallen at that point.

2 There is no transparency when in fact the agency has
3 said that it will not raise these -- you know, allow
4 the public to raise these issues in contentions in a
5 hearing, and, you know, if it were true that would be
6 one thing, but the concern is, is that, the 9th
7 Circuit Federal Appellate Court, also the 1st Circuit
8 and the 3rd Circuit are now reviewing this issue. The
9 9th Circuit has already determined that the NRC was
10 not in compliance with the National Environmental
11 Policy Act and, you know, I think that what we are
12 most concerned about is that the documentation is
13 there to verify that the threat is real, that the
14 consequences are dire.

15 We've seen an Argonne National Lab report
16 from 1982, which I referenced earlier this afternoon,
17 that basically says that aircraft impact has not been
18 evaluated in the design and construction of units like
19 Calvert Cliffs Unit 1 and 2.

20 Our concern is, is that, an aircraft
21 attack, be it by large commercial aircraft or even by
22 private aircraft that are laden with explosive, could
23 have a very real and dire consequence on the operation
24 of Unit 3 and as a consequence, it should be raised in
25 the environmental impact statement for Unit 3.

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1 This is underscored by a document from
2 Constellation itself. The document that we'll enter
3 into the record tonight is by Charles H. Cruse who is
4 Vice President of Nuclear Energy for Constellation
5 Energy. It's dated October 4th, 2000, and I quote, "A
6 large aircraft that strikes a vital structure is
7 considered to have a 50 percent chance of causing core
8 damage. This is considered conservative."

9 As a result of -- you know, I don't think
10 that we should be playing 50-50 odds when we are
11 looking at our national security policy, the public
12 health not only for Calvert County, not only for
13 Maryland, but for the entire Eastern Seaboard.

14 So, I'd like to introduce this into the
15 record.

16 MR. CAMERON: Thank you, Paul.

17 (Applause.)

18 MR. CAMERON: And I'm going to go to Mr.
19 McGough and then we'll go to Mr. Karbowsky and then we
20 have William Buchanan.

21 MR. MCGOUGH: Thank you, Chip. My name is
22 Mike McGough. I'm a resident of Edgewater, Maryland,
23 about 25 miles north of the plant, in Anne Arundel
24 County. I'm a 29-year veteran of the U.S. nuclear
25 industry. I'm also a Senior Vice President of Unistar

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1 Nuclear and I'm here to speak on behalf of my belief
2 that the plant is an important part of our economic
3 and environmental and energy future for this
4 community.

5 Some of you may be aware that in the
6 United States, we have a 104 operating nuclear power
7 plants today. I have personally visited and/or worked
8 at a 102 of those plants. I have similar experience
9 at 16 international plants. I participated in the
10 decommissioning of six units in this country and I was
11 also involved in the recovery activities at Three Mile
12 Island Unit 2, and I'm part of the senior management
13 team that's brought here to help make Calvert Cliffs
14 Unit 3 a reality, to try to bring it into existence.

15 I can assure you that I and my other
16 colleagues at Unistar and Constellation, we take our
17 responsibilities as environmental stewards very, very
18 seriously and we take our responsibilities related to
19 safety very, very seriously.

20 I was involved the last time this country
21 built, in the U.S., we built new nuclear plants, and
22 our proposed plant is the same plant that's being
23 currently built in Finland and also on the northern
24 coast of France at the Flamanville Station.

25 In France, some of you may be aware that

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1 it's a relatively small country. They have 58
2 operating nuclear power plants that provide 80 percent
3 of the electricity for that country. In France,
4 that's where they have some of the cleanest air and
5 the cheapest electricity in Europe.

6 In Paris, they call it the City of Light
7 and that city is lit by clean, efficient nuclear
8 power.

9 I'd also like to address one misperception
10 created by one of the previous speakers regarding low-
11 level waste. It is true that the Barnwell facility in
12 South Carolina will be closed to low-level waste from
13 the State of Maryland scheduled for June of this year.

14 However, a very large majority, I think
15 it's upward of 75 percent, of the low-level waste
16 generated at commercial nuclear plants in the United
17 States are shipped and disposed of in Clive, Utah,
18 near Salt Lake City.

19 So, in closing, I believe that we as a
20 country and as a community need safe, clean,
21 economical, and non-greenhouse gas emission emitting
22 nuclear power to reduce our dependence on foreign oil
23 and to help meet our growing needs for electricity.

24 Thank you very much.

25 (Applause.)

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1 MR. CAMERON: Thank you, Mike. I'm going
2 to go to -- why don't you come up, Mr. Karbowski and
3 then we'll go to William Buchanan. Why don't you come
4 on up and then we'll go to George Vanderheyden.

5 MR. KARBOWSKY: Good evening. My name is
6 Brad Karbowski. I'm here in two capacities. One is
7 as a resident of Calvert County and the other is I
8 represent the United Association of Plumbers,
9 Sprinkler Fitters and Steamfitters.

10 This afternoon and this evening, we've
11 heard a lot of debate on the pros and cons of nuclear
12 power from people that have a lot more knowledge of
13 those subjects than perhaps I do, but I can speak from
14 my experience and my beliefs, and the experience that
15 I've had in working at nuclear power plants with
16 operating and new construction is that the standards
17 and the processes and the materials that go into
18 building those plants are the highest standards in the
19 world.

20 In addition to that, I also believe
21 thoroughly that if we wouldn't had a 30-year
22 moratorium on building nuclear plants in this country,
23 we wouldn't be in the situation we're in today with an
24 energy crunch and greenhouse gases because we'd have
25 had safe, clean source of energy over the last 30

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1 years.

2 The reality of the fact is that nuclear
3 power plants are going to be built in this country
4 somewhere and at some time and there's no reason why
5 this county and this region should not enjoy those
6 economic benefits that I talked about earlier today
7 and if it's job creation in this county that are good
8 paying jobs with good benefits that aren't necessarily
9 when we talk about the construction jobs as temporary
10 jobs, those are not temporary jobs. They will afford
11 -- with the rising costs of college education today
12 many people will not be able to viably afford to go to
13 college and our young people will have an opportunity
14 to enter into the trade, learn a skill, get educated
15 while they earn money and have a lifelong career with
16 benefits, a defined benefit plan, and a health and
17 welfare plan where they can take care of their needs.

18 So, in closing, I would just like to say
19 please consider the Calvert Cliffs for the next
20 nuclear reactor.

21 Thank you.

22 (Applause.)

23 MR. CAMERON: Thank you very much.
24 William?

25 MR. BUCHANAN: Hi. I'm Bill Buchanan.

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1 I'm a reactor core engineer at Calvert Cliffs. I
2 support the expansion.

3 I have -- I was just curious about
4 something earlier and if you look at TMI, Chernobyl
5 and Davis-Besse, you'll find the root cause is human
6 error. It's not design error.

7 My personal stance is it doesn't really
8 matter because it's an error nonetheless and it's a
9 good reason to have healthy skepticism, but my
10 understanding is we're here tonight to provide input
11 as to environmental impact.

12 So two curiosities based on my vast eight
13 months of experience in this industry since I
14 graduated. One, what are the implications of being 15
15 miles from a naval base? Does it work for us? Does
16 it paint a particular bullseye? How does it weigh in,
17 if at all? I don't know. I'm not a PR guy. I'm just
18 a physics geek.

19 And two, what benchmarking can we do with
20 regard to effluents to the Bay when we compare it to
21 non-nuclear power plants that use the same water
22 supply?

23 MR. CAMERON: Good. Thank you very much,
24 Bill.

25 (Applause.)

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1 MR. CAMERON: And George Vanderheyden.

2 MR. VANDERHEYDEN: Good evening. For the
3 record, I'm George Vanderheyden, President and Chief
4 Executive Officer of Unistar Nuclear.

5 I want to thank the NRC for allowing us
6 all to come to this environmental scoping meeting and
7 allowing the public to participate.

8 I said it this morning, I'll say it again.

9 I have a great deal of respect for all the opinions
10 that have been expressed, all the views of all the
11 members of the public. I think it's an important part
12 of our democracy that people get to say what they
13 think.

14 Likewise, as a part of our democracy, we
15 have a government agency that looks out for our
16 interests and this open process will go on and on and
17 on as you've heard for 30 months. I myself will be up
18 here many, many times not only in this format on the
19 record talking about the U.S. EPR and Unistar Nuclear,
20 but also testifying under oath and affirmation about
21 the two things we're here tonight, one about the
22 safety of the nuclear power plant which is one track
23 of the review that the NRC does and the second about
24 the environmental impact of the nuclear power plant
25 which is what today's scoping meeting is mostly about.

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1 Of course, we are the group of individuals
2 and entities that's pursuing the new nuclear power
3 plant at Calvert Cliffs to meet the region's need for
4 reliable power that does not produce greenhouse gases
5 while we generate electricity.

6 I mentioned it this morning. We are the
7 design that has a dual containment building on it. I
8 talked about that from the perspective of what many
9 Americans are concerned about today and Paul and
10 others have expressed, that since 9/11, we have to
11 take into account the fact that terrorists might use
12 an airplane in ways that we never envisioned before in
13 this country.

14 When Unistar Nuclear picked this design,
15 we picked this design because of the two containments,
16 the four safety trains, the amount of concrete and
17 steel that is in this design. We have, as many of you
18 know, a nuclear reactor that's surrounded, all
19 American designs, by a containment building. That
20 containment building is seven feet thick at the base
21 and four feet thick at the top of concrete, reinforced
22 with rebar that's hard to stick your hand through,
23 there's so much steel in it, and then it has a one-
24 inch steel plate liner on the inside of that.

25 Our design has a whole other reactor

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1 building around it, a whole other containment, excuse
2 me, around it. We have double containments on this
3 design. We are the only design that will prove to the
4 Nuclear Regulatory Commission, I believe, that we are
5 able to take a direct hit from a jumbo aircraft, the
6 words that have been used today, from private aircraft
7 filled with explosives and other types of things. We
8 will have to produce for the NRC, as a matter of fact
9 we will produce for the NRC above the regulatory
10 requirements 3-D models and actual design information
11 to prove that fact. That will all be a matter of
12 public record, provided some of it, unfortunately to
13 my view, also does get excluded from public view
14 because of the fear that people may use that
15 information in some way we can't predict.

16 I can honestly say it would be easier for
17 me if I could reveal that information.

18 On top of that, as has been pointed out,
19 our design is being constructed all over the world.
20 It has already been approved by two regulatory
21 agencies in two different countries, Finland and
22 France. Our hope is, is that, as we go through this
23 extensive open process with the NRC, that the U.S.
24 Government and the Nuclear Regulatory Commission will
25 be the third country and third regulatory agent to

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1 fully review and approve this design.

2 I, too, am looking for the NRC to do some
3 things that have been asked for here today. We will
4 provide a cost-benefit analysis for the new nuclear
5 power plant. It will use the current costs of nuclear
6 power that you're seeing in the press today. As I
7 think was said earlier, the costs have gone up. We
8 will provide that information as part of this public
9 process.

10 But it's really not about cost. We
11 believe, as some have said that are maybe a little bit
12 too much pro nuclear in some people's view, but I
13 fully admit my bias, I've been in this industry for 30
14 years. Like Mike McGough, I've worked at many
15 different power plants. I think nuclear power is
16 important for the country.

17 This design that we will produce is also
18 going to have a very small environmental impact.
19 We're the ones that are going to build a cooling tower
20 that's not 5 or 600 feet like most people are used to
21 seeing in the press, I mean in pictures. It's a 168
22 feet. It's going to have plume abatement on the
23 cooling towers which means that vapor trail that
24 people see that goes up into the air, you won't see
25 that from our power plant. That's going to cost us

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1 something like a \$140 million above a normal cooling
2 tower.

3 As has been expressed in the area, we're
4 going to put a desalinization plant in. We're going
5 to take a small amount of the Chesapeake Bay water,
6 remove the salt, make fresh water with it and use it
7 to provide the power plant systems. That's because
8 I've worked here in Calvert County for two and a half
9 years and there's a very large concern about the
10 aquifer here with all the growth that's going on in
11 this area in residential housing.

12 There's a fear that there won't be enough
13 water. We intend to address that. That's going to
14 cost us an additional 47 million. I'm actually very
15 fond of saying we have not picked the cheapest reactor
16 design that we could of all of the new designs. As a
17 matter of fact, I guarantee when the information
18 becomes public, you will find out we have picked the
19 most expensive design of all the new designs because
20 we feel that it provides the safest, most secure, most
21 reliable electricity from nuclear power that we can
22 get.

23 There was someone here earlier, and I
24 think they left, if they're still here, if you provide
25 me your business card or an address or something, they

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1 were talking about containment sumps in the current
2 existing nuclear power plants. Apparently we haven't
3 communicated well. Those containment sump issues that
4 are well known in the industry were already addressed
5 by Constellation Energy in Calvert Cliffs Units 1 and
6 2 over the last two outages. The sumps have been
7 repaired. That was at millions of dollars.

8 As has been mentioned by several, we take
9 our commitment to nuclear safety very, very seriously.

10 We are welcome to an open discussion with the public
11 and a debate for even those that don't like nuclear
12 power.

13 I mentioned earlier, I was at the first
14 NRC public meeting in August, at this morning's
15 session at 1 o'clock, it's been a long day already
16 today. Glad to be here with you tonight. I'll be at
17 every public meeting. If you have a question, if you
18 have a concern, if you'd just like a piece of
19 information, please stop by and see me. You may not
20 always like my answers, I'm sure for some of you I may
21 not always like your point of view, but I promise I
22 will answer your questions.

23 Thank you very much.

24 (Applause.)

25 MR. CAMERON: Thank you. Thank you,

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1 George. And with that, I'm going to ask Jim Lyons,
2 our Senior Manager, to close the meeting out for us.

3 Jim?

4 DIRECTOR LYONS: Thank you, Chip. Once
5 again, I want to thank everybody for coming out. I
6 want to do just a couple real quick reminders.
7 Comment period for scoping closes April 14th. So, in
8 addition to the comments we've received today, any
9 written comments, if you could get them to us by that
10 time, I'd appreciate it.

11 Those comments will be collected in a
12 scoping report that will be available on our public
13 website, and issues will also be addressed as part of
14 our draft environmental impact statement.

15 The draft environmental impact statement
16 will come out next spring. We'll be back here to have
17 a meeting similar to this one, to receive comments on
18 our findings in the draft environmental impact
19 statement, and the other thing is to remind you that
20 in about two months, once we've completed our
21 acceptance review of the second part of the combined
22 license application, there will be an issue -- we will
23 issue a notice for the opportunity for hearing and
24 that gives you an opportunity to intervene in the
25 process. You'll have 60 days after that time in order

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1 to intervene.

2 So, keep those dates in mind. We want to
3 try and make sure that if you want to be involved in
4 this process, you can be.

5 So, once again, please drive safely.
6 Please get home safely. Thank you for your attention
7 and for your comments.

8 (Applause.)

9 [Whereupon, the meeting adjourned at 9:24
10 p.m.)

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