

Official Transcript of Proceedings
NUCLEAR REGULATORY COMMISSION

Title: Virgil C. Summer Nuclear Station
Open House

Docket Number: (n/a)

Location: Jenkinsville, South Carolina

Date: Thursday, May 27, 2010

Work Order No.: NRC-270

Pages 1-8

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UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
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DRAFT ENVIRONMENTAL IMPACT STATEMENT
VIRGIL C. SUMMER NUCLEAR STATION
UNITS 2 AND 3
COMBINED LICENSE APPLICATION
PUBLIC COMMENTS

Thursday, May 27th, 2010

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Jenkinsville, South Carolina

The Public Comments were received from 12:30 to 3:20 at the White Hall AME Church, 8594 State Highway South.

P-R-O-C-E-E-D-I-N-G-S

1
2 MR. JOHN MARTIN: My concern is thermal
3 pollution from the cooling water from the plants. And
4 it is my understanding that when you run and operate a
5 nuclear reactor, that about two-thirds of the
6 potential energy in the uranium, is discharged in
7 heat, and not used for electricity production.

8 I know that they are going to have a
9 cooling tower at these two new nuclear power plants,
10 and that they do not have a cooling tower at the
11 original nuclear plant.

12 And that the discharge water, back into
13 Parr Reservoir, will be approximately 10,000 gallons
14 per minute, at 95 degrees temperature. I realize that
15 this temperature will vary up and down because of
16 ambient temperature, and they do have a cooling tower
17 proposed for these two new plants.

18 And my only thing that I'm thinking about,
19 I hate to see the potential energy, in 10,000 gallons
20 a minute, at 95 degrees, say, for the life of the
21 plant, maybe at 50 years would be wasted.

22 And my thoughts are that that heat energy,
23 and I realize that it is low value heat, should be
24 used for a useful purpose for man. And that this
25 useful purpose should return an income to the power

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1 companies that are going to operate the two reactors,
2 or the three reactors, actually, because you have to
3 consider the one that is already there.

4 That they should produce an income stream,
5 over the life of the plant, that is returned back to
6 the power company. And I have no solution to the
7 problem, except I was thinking, just in my mind, about
8 two things.

9 Maybe a very large green house that could
10 utilize that heat energy, which would probably be too
11 much heat in the summer, and not enough in the winter
12 time, but utilize that heat energy in a very large
13 green house, or even fish culture.

14 If you were trying to raise warm water
15 fish, that you would have that flow, and then return
16 the water back into Parr reservoir, or some other use
17 for a large volume of water at that temperature.
18 Thank you.

19 MR. SCHAFFER: My name is Jeff Schaffer,
20 my question is as follows:

21 SCE&G pays taxes, property taxes to
22 Fairfield County, County Council, Winsboro Town, of
23 approximately 21.2 million dollars, to the best of my
24 knowledge.

25 My interest at the moment is does SCE&G

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1 have any input in where that money goes, does it --
2 since it is the major taxpayer, is there any oversight
3 from SCE&G, or better, is there any oversight from the
4 government, other than the town or the county council,
5 overseeing where that amount of tax money is
6 distributed and how those funds are distributed back
7 into Fairfield County?

8 That is my question.

9 COUNCILMAN MARCHARIA: I'm Councilman
10 Kamau Marcharia, I represent this district. This
11 district is known as the fourth district, which
12 encompasses the V.C. Summer Nuclear Power Plant.

13 And I have some concerns, as I have always
14 had, about the safety and operation of the plant. And
15 I have always asked some questions about the
16 evacuation route, I know there is going to be signs
17 for that, how do we inform our senior citizens, those
18 who are disabled.

19 Infrastructure, so many people are coming
20 here to work, like 7,000 people will be coming here to
21 work. SCE&G decided, also, just put in a request to
22 build a water treatment facility plant.

23 And then directly across the street from
24 them, they are building a ten to thirty million dollar
25 project with hotels, banks, gas stations, restaurants,

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1 houses, car wash, and it generally takes -- you are
2 going to have to have a sewer system.

3 SCE&G is actually building a sewer system,
4 are they going to connect -- what happens, they have a
5 town here that has been incorporated, even though
6 SCE&G don't have anything to do with some of the
7 process specifically, plus they have been somewhat
8 upset that in the 30 years that SCE&G has been here,
9 somewhere in the proximity of 500 million dollars in
10 property taxes have been paid.

11 And if you ride through this community it
12 looks like we are living in the '60s. That is not
13 SCE&G's fault, but the tax money that goes to the
14 local government, then discriminatory in terms of its
15 citizens in this community, not really benefiting from
16 that.

17 We have a fire station that is
18 dilapidated, fire trucks that have shown up at fires
19 with no water in them. And the County is dragging
20 their feet on putting something up to protect its
21 citizens, like an adequate fire station.

22 Plus they are working on building an
23 adequate medical center. And those are some of the
24 concerns I have. And the question I have, of course,
25 like the oil wells, what if something happens, a

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1 catastrophic event, what is the contingency plan, and
2 how do we citizens know what the contingency plan be
3 if something went drastically wrong at that plant.

4 And then we, also, are concerned about the
5 consumption of the water, the water treatment plant,
6 they are building a 30 million dollar proposed
7 complex.

8 Where is all the water coming from, how is
9 the sewer system going to be treated, and what role
10 does SCE&G play in this? Those are some of the
11 questions that I have had to ask.

12 And, basically, I hope that SCE&G, or the
13 nuclear power plant don't put profit over protection
14 of the people in this community, and the folks who
15 haven't really benefited from the taxation of the
16 power plant being in their back yard, because of
17 resources that have never filtered back in the
18 community in terms of infrastructure.

19 Our school buses are delayed a half an
20 hour, sometimes 45 minutes, because we have traffic
21 drive in just two lanes out here, and we are talking
22 about 7,000 people coming here.

23 We are talking about housing, we are
24 talking about 7,000 people, and 500 people that have
25 to move here, and they have two children a piece, that

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1 is 1,000 kids. Yes, it would be 1,000 kids.

2 Is there a contingency for a new school, a
3 high school, or all the people coming here are not
4 going to come to Fairfield County for whatever reason?

5 I don't know that you are responsible for
6 what happens, but the mere fact that there are all
7 those people coming here, has an impact on this
8 community, and the quality of life in this community.

9 So I just wanted to express that, and just
10 hope that you are good corporate neighbors, and help
11 us out. We need a recreational center in this
12 community, in conjunction with the County Council, and
13 along with SCE&G, perhaps we could have something to
14 take the kids off the streets, have a place for senior
15 citizens.

16 The only place that we have to meet in
17 this community, now, is either in a church, or the
18 fire station, which is in deplorable condition. So we
19 request SCE&G to be a more good corporate neighbor, as
20 possible, and be able to communicate with the
21 community. That is my statement.

22 MR. RUSSELL ANDERSON: It is, in my
23 informed opinion, that the environmental impact survey
24 does not adequately address the lack of licensing and
25 design approval for the AP 1000 reactor.

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1 Yucca Mountain, the proposed storage
2 facility for radioactive waste, as indicated in the
3 DEIS, is no longer an option and, therefore, there is
4 need to address where the waste will be stored, as it
5 is unaddressed.

6 Furthermore, the temporary on-site storage
7 capacity, and risk associated with transportation of
8 waste are heavy, and could result in unquantifiable
9 economic and ecologic issues.

10 The recycling of spent fuel, and the
11 increased radiation content of these isotopes will not
12 only increase risk of high level exposure, but also
13 the proliferation of nuclear weapons.

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