

PSEGSPCEm Resource

From: Leslie Purcell [lesliepurcell@gmail.com]
Sent: Sunday, December 07, 2014 3:08 AM
To: PSEGESPEIS Resource
Subject: Re: NRC-2014-0149, PSEG Early Site Permit
Attachments: NRC-2014-0149, PSEG Early Site Permit.docx

Please accept Attached Comments.

Thank you,
Leslie Purcell

Federal Register Notice: 79FR49820
Comment Number: 15

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Subject: Re: NRC-2014-0149, PSEG Early Site Permit
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"PSEGESPEIS Resource" <PSEGESPEIS.Resource@nrc.gov>
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PSEG Early Site Permit

I grew up in Newark, Delaware, with ties to the University of Delaware, and still have our family house within the area of impact of this proposed siting. I have concerns in regard to:

- Impact to wetlands--the Permanent Fill of 108 acres of wetlands, plus an additional 23 wetlands acres filled for the proposed causeway, equaling 131 acres permanently filled wetlands. This is a significant impact to our diminishing coastal wetlands and the animals and plants that live there. 52 additional acres would be impacted during construction, which may never be fully recovered due to soil disturbance and habitat destruction.
- The proposed nuclear reactor(s) are sited in a low lying coastal area, only slightly above sea level, and subject to potential flooding.
- Sea Level Rise is a recently identified factor because of climate change— do Flood Maps show potential risk of flooding under conditions of such sea level rise? Such flooding could be disastrous as in Fukushima, Japan.
- The Population growth estimate, upon which the asserted need for future additional power is based, is only a planning projection which may not be fulfilled.
- Conservation, energy efficiency, and sustainability of energy resources are preferable. Nuclear technology poses health and safety risks in perpetuity. Alternative energies are safer and are more widely used in several other countries.
- Total energy costs of nuclear energy production must include uranium mining, effects of mining on land/water, tribal territories and populations—this is an environmental justice and health issue as well.
- Total energy costs also include transport and processing of uranium, hazardous, and radioactive fuels. Additional associated costs of water usage, potential accidents, waste handling, should factor into feasibility studies.
- Disposal of waste – there is no permanent facility or plan. Current on-site storage is a danger to the local environment and surrounding communities, across the Delaware River and along the Eastern seaboard—including Philadelphia and NYC, dense population centers.
- Potential impacts to waters of the US, the Delaware River and Bay, and to fish populations from dredging and fill could be significant, as well as from possible contamination and/or leakage, and radioactivity.
- Alternative fuels for energy production are preferable for the future health of populations and of the planet, rather than investing in at least 40-50 years more of nuclear technology. For example, the University of Delaware Energy Institute has expertise and is a resource for collaborative efforts for energy efficiency, alternative and emerging energy technologies.

- I am concerned that, if built, this would be the largest nuclear facility in the US, and would be close to population, business, and government centers, with potentially catastrophic effects if something were to go wrong in a worst case scenario.

For the above reasons and concerns, I find that it is not in the public's best interest to grant the proposed early site permit, nor to construct future nuclear reactors in this area.

--Leslie A. Purcell

12-06-2014