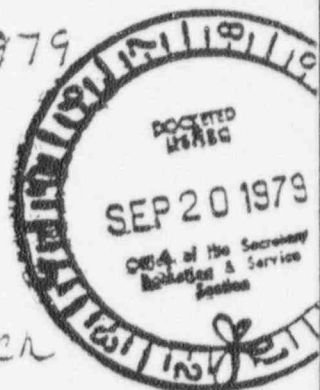


September 14, 1979



Secretary of the Commission
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
Attn: Docketing and Service Branch

In the matter of: Newton Lighting
and Power Co. (Athens Creek Nuclear
Regulatory Commission, Unit 1)
Docket No. 50-466

Gentlemen:

Please accept this amendment to my
petition for leave to intervene dated July
17, 1979. I did not intervene previously
because of restrictions on permissible
contentions contained in the Board's notices of
May 31 and September 11, 1978.

My interest in this matter is clearly
established by the fact that my family
(which includes parents, siblings, aunts,
uncles, and cousins) reside and recreate
within fifteen miles of the proposed plant.
We also plan to raise our children, and
grandchildren to come, in this area.

The very proximity of this plant, in
a major growth corridor of the country, to
the millions of people within a fifty-mile
radius, will prove to be detrimental to the
health of all concerned.

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generations to come. It has been shown that radiation dosage is accumulative; therefore, after forty years of plant usage quite a lot of low level radiation will be absorbed into everything from plants and animals to embryos and adults. While I know the applicant will comply with the standards set by the Nuclear Regulatory Commission for allowable dosage of nuclear radiation, how can one predict what is deadly or safe for a particular person? We have set standards in the past and as time changed, so did they. So you can not guarantee my family and I that we wont be affected, twenty or thirty years from now, from the radiation exposure the government said was permissible in 1979. Since radiation in any amount causes cell damage, over a lifetime the probability of contracting cancer or acquiring a genetic defect, is greatly increased by the constant bombardment from a nuclear power plant such as Allene Creek. Therefore, I contend that the licensing of ACRG-5 will cause injury to my financial, property, health and other interests.

Even if nuclear power plants could somehow be proven safe, there still remains the problem of nuclear waste and the radiation it emits. By 1985

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some ten thousand tons of commercial spent fuel will have to find a home, not to mention the wastes from other countries of the world, to prevent nuclear proliferation. We don't want these wastes in our back yard for the hundreds of years to come, ~~to make them safe~~. Therefore, I contend that the licensing of ACRS, and storage of its nuclear wastes, will prove detrimental to my finances, property, health and other interests.

Worst of all, nuclear plants create a thermal pollution which could prove environmentally unacceptable. The cooling of steam from the ACRS, will be circulated in water to and from the lake, will raise the water temperature approximately fifteen degrees. The shock of such heating will kill many fish, and microscopic plant and animal life in the lake and surrounding area. The food chain and biological system of the area will be altered. Therefore, affecting its environmental surroundings. Also, the effect of toxins often increases in hot water, making disease more likely to spread, certainly in the wildlife perhaps also in man.

This cooling lake is useless as

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a recreational facility because of the
before mentioned facts. Also with
discharges from valves, seals and
the nuclear plant will cause exces-
sive algae growth in the pool. To
think that we are supposed to swim,
boast and eat the fish we catch is
absurd. Therefore, I contend that the
licensing of ACRS will cause injury,
in fact to that of my financial,
property and health.

I look forward to your reply.

Sincerely,

Robin Griffith