



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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RULES AND DIRECTIVES  
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Call =  
M. Natisu (MDN)

C. Guerrero (EX93)

**My name is Sam Booher. I am retired Military and live in Martinez, Georgia. I have not hear anyone talk to the historical decreases in flow of the Savannah River.**

**USGS records show river flows of 15,000 cubic feet per second in 1884. That flow cycles up and down due to rainy and drought years. However, since 1884 there has been a steady ~~annual~~ decrease to where the flows today are around 6,000 cubic feet per second. Please do not quote my numbers, I encourage the NRC and others to look them up yourselves and study this further. My whole point is:** *Do not*

*VOID*  
**~~Today's Appalachians Mountains are not providing near the water they used to provide. And they are providing less every years depending where we are on the cyclic curve. To make permanent decision based on today flow is wrong.~~**

**Today all of Georgia is faced with providing water for future citizens to drink "or" water to be lost as steam by building more electricity generating power plants. GA cannot have it both ways. The NRC may not be aware that Georgia is developing it's first energy plan. It is due out at the end of this year. In Georgia's Draft Energy plan on page 102 it states, "Electric Generation is the largest user of water in Georgia." Electricity generation in GA consumes more water daily than Atlanta.**

**We all know that Atlanta is short of water. That is why we have the Water Wars with Florida and Alabama. We are also told the population of Atlanta will double in 20 years and along with the growing coastal areas. So where is their new water going to come from to support 4 1/2 million 'new' Atlanta people and the new Coastal residents? Coastal Georgia already has water problems. As people continue to move there, water is going to be an even greater concern than electricity.**

**During tours I have made of Plant Vogtle, I was told that currently 62 million gallons are removed with only 21 million gallons returned to the river. If two new power plants are built at Plant Vogtle the current water loss of 41 million gallons will likely double. How will an 80 million gallon loss a day impact GA? There will likely be a loss to South Carolina and Georgia coastal new drinking water needs and impacts to the ships coming 20 miles up the Savannah River into the Savannah harbor. The NRC needs to evaluate these issues and not assume some other state or federal agency will.**

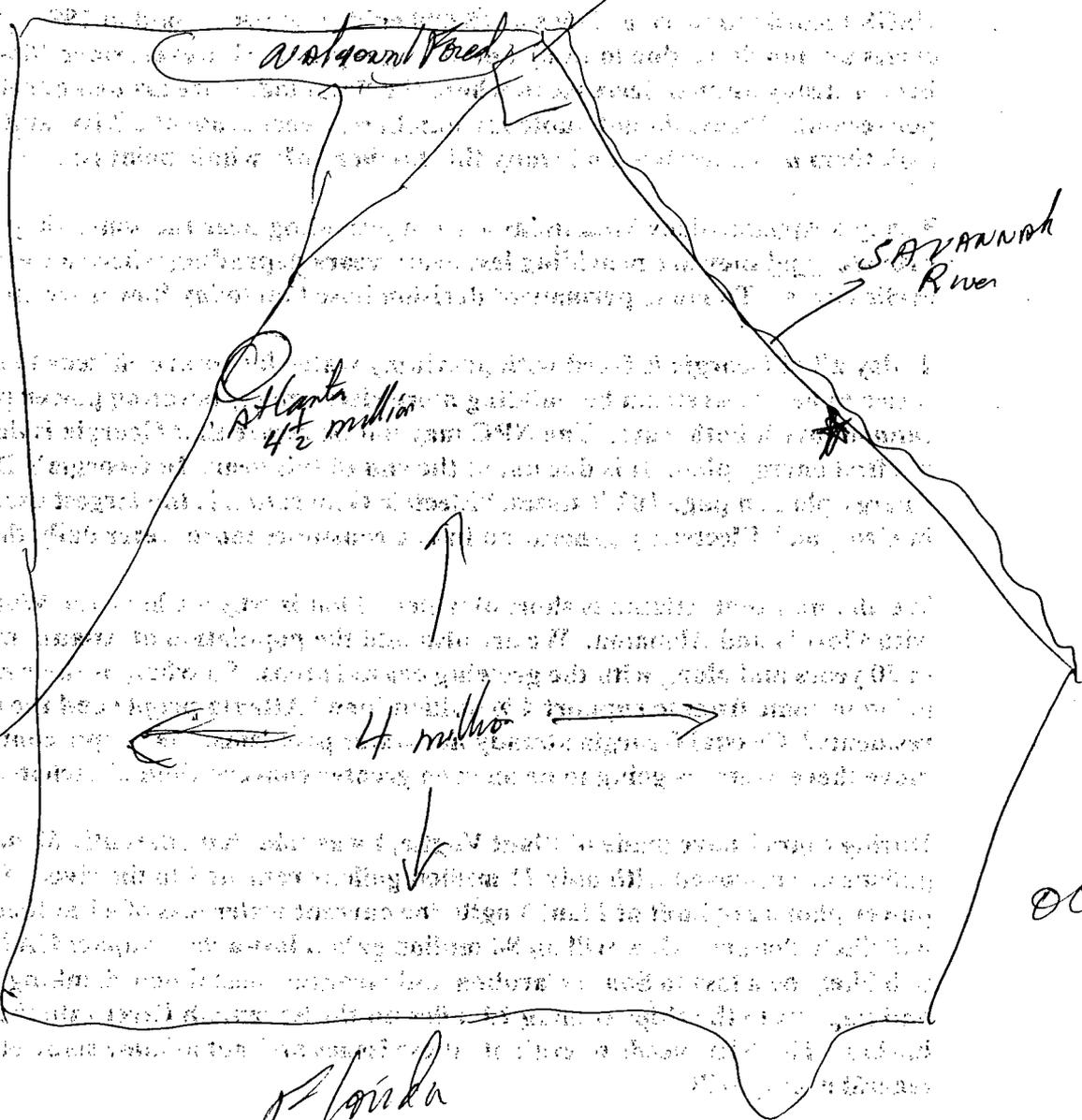
**Before this decision is made NRC must thoroughly study the topics of Water Quantity, Historical Savannah River flow rates, Climate Change in Georgia, all with trends and projections including consideration of our next long term drought. We all need to see all the needed factual information.**

**I urge the NRC to consider how the State Energy Plan addresses the topic of new water lost for electricity production and all of these impacts before making a decision to allow the expansion of the Vogtle site.**

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Habersham County



Minimum Flow = US Fish & Wildlife

or Corps of Eng

take one Randon opp lin

low flow take two Randon opp lin until water flow increases