

Table J-2. DOE responses to comments on Draft EIS (continued)

Comment number	Comments	Responses
AF-1	<p style="text-align: center;">TESTIMONY OF RICHARD HEGG, APRIL 30, 1986, BEFORE THE ALTERNATIVE COOLING WATER DRAFT EIS PUBLIC HEARING</p> <p style="text-align: center;">PUBLIC HEARING ON HEAT ABATEMENT PLANS FOR THE SRP April 30, 1986 Aiken, SC</p> <p style="text-align: center;">Richard Hegg, Head, Agricultural Engineering Dept Clemson University, Clemson, SC</p> <p>I am aware of the proposed plan to construct a heat abatement facility at the Savannah River Plant. The purpose of this statement is to request that one option for this heat abatement should be irrigation on cropland, pastureland, and forest in the area of the Savannah River Plant. I feel this is a technically feasible option; therefore, it should be addressed by DOE and the Savannah River Plant. It is logical to utilize this resource, being a large volume of heated water, rather than building cooling lakes or cooling towers. The option of irrigation would be of benefit to South Carolina agriculture, and would show that the Savannah River Plant is interested in a project that would emphasize utilization of a resource. There are many points that would need to be addressed, such as legal, crops, climatic effects, surface water, ground water, wildlife, off-season use, social, economics, and the overall organization. It would be appropriate that a feasibility study be conducted, and I would be happy to work with those persons preparing an environmental statement, to work on this study of a large-scale irrigation project. There are scientists at Clemson University and professionals with state agencies within the state to adequately provide the necessary technical assistance.</p>	<p>DOE prepared a new appendix in this EIS (Appendix I) to address the feasibility of using the cooling water discharges from K- and C-Reactors for agricultural and aquacultural uses, industrial applications, direct power generation, and ethanol production.</p>

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		<p>And to elaborate a little bit, I've talked with several people at Clemson regarding this, and contacts with other agricultural interests in the state, and I believe this morning a representative of Les Tindall's office, the Commissioner of Agriculture, was here also expressing support of this idea. We feel that, as I pointed out, there may be many potential problems, but it certainly would be something that needs to be addressed. And, I am not aware that this option has been addressed or there will be a response to this question, but I would certainly like to know that. And, I feel that with the volume or the amount of money that would be invested in these cooling towers, that certainly a feasibility study prior to the initiation of that would be beneficial, and if it came out that it would not be practical, would not be feasible, that it would stand on that basis. But it certainly, we feel, would need to be addressed. And I would encourage you to proceed on this, and I guess I would be waiting for a response from the representatives here, if I could be of help or make contacts as would need to be made. So, at that point, that concludes the comments I'd like to make. Thank you for the opportunity.</p>