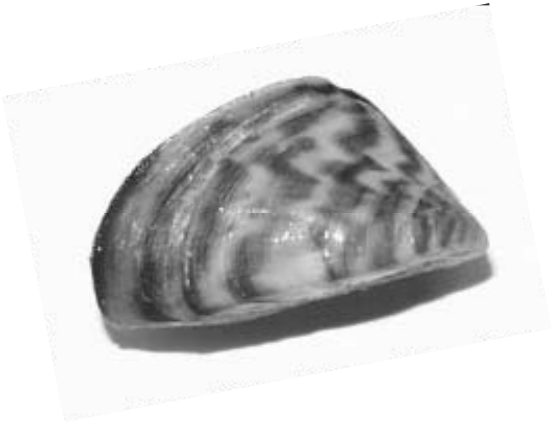
E7 Issue Report
Exotic Species & Aquatic Plant Management Program



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E7 Exotic Species & Aquatic Plant Management Program

Issue Statement

"Effectiveness of the existing programs for controlling exotic, nuisance aquatic vegetation and vectors (mosquitoes)."

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What is an Issue Report?

- Based on comments listed in the Issue Sheets
- Contains a summary of issue related information that can be used to develop the Environmental Assessment.
- Includes APC's management programs and relevant state laws or programs

Exotic & Nuisance Species

Alabama Power's Commitment:

• Compliance with all state laws prohibiting the introduction and proliferation of exotic species as well as nuisance species.

Exotic & Nuisance Species

Exotic Species: those species that do not naturally occur within the State of Alabama.

Nuisance Species: those species that are unwanted or deemed harmful to local interests.

APC's Management Actions:

- Stays informed on developments regarding Zebra Mussels and utilizes an awareness program at project facilities
- Species management within project boundaries is evaluated on a case-by-case basis in consultation with appropriate state resource agencies

Aquatic Plant Management Program

Alabama Power's Commitment:

• Manage aquatic vegetation in project reservoirs in compliance with local, state (Alabama Nonindigenous Aquatic Plant Control Act), and federal laws and regulations.

• Utilize a "maintenance control philosophy" – control noxious weeds before they reach a problematic stage; minimizing chemical applications and promoting plant diversity.

Aquatic Plant Management Program

Aquatic plant control is considered when vegetation:

- Creates a public health hazard by providing mosquito breeding habitat;
- Poses a threat to power generation facilities or water withdrawal structures;
- Restricts recreational use of the reservoir; and/or
- Threatens the ecological balance of the reservoir.

Mosquito Control Program

Alabama Power's Commitment:

• Management of a mosquito control program that is based on methods developed by the U.S. Public Health Service, TVA and adopted by such agencies as the U.S. Center for Disease Control and the American Mosquito Control Association.

• Integrated program: source reduction, larvicide and education.

• Monitor mosquitoes on all reservoirs to determine; presence, necessary control measures and effectiveness of applied measures.

Mosquito Control Program

Mosquito control measures are based on the results of the monitoring program which includes:

- Larvae sampling;
- Adult resting stations;
- Light Traps and
- Biting collections

Mosquito Control Program

Homeowners can help reduce mosquito populations by eliminating these breeding sites:

- Discarded containers and tires;
- Boats and canoes filled with rainwater;
- Tarps that hold pockets of water;
- Standing rainwater in drainage ditches, gutters and potholes;
- Standing water in flower pot dishes;
- Water in birdbaths that stands for more than a week.

Comments and Questions

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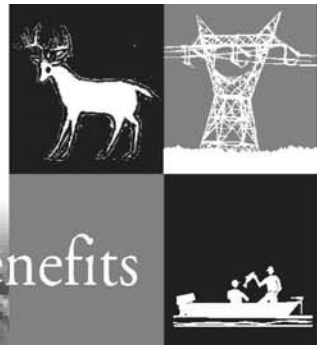

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