MEETING REPORT

BRAZILIAN ASSOCIATION OF HYDROELECTRIC COMPANIES (ABRAGE) 4TH TECHNICAL MEETING ON THE GOLDEN MUSSEL (*Limnoperna fortunei*)

Belo Horizonte, MG, Brazil, October 14th – 18th, 2003

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Translation: Cathy Carolsfeld

Location: Hotel San Francisco Flat, Belo Horizonte

Date: October 14 & 15, 2003

Objective: to define measures to be recommended to companies in the electrical sector that need to be taken to deal with the infestation by the Golden Mussel in Brazil; in a framework that divides the theme into areas specific to industrial, institutional and environmental information.

Participants

Companies: Cemig, Furnas, Itaipu, Duke Guests: Cetec, Sect, ProMinent, Feam.

[Number of] Participants: 23

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Discussion

APSR opened the meeting, extending a welcome to the participants and wishing everyone success in their work. MER followed with an evaluation of the history of the introduction of this bivalve to Brazil.

In support of the clean-up work in the hydroelectric plants, ProMinent Brasil Ltd. was invited to give a demonstration of the chlorine cleaning process and the products offered by them. Dr. Renata Claudi made the suggestion since she had worked directly with this company in Canada.

Itaipu Binacional suggested the implementation of proposals put forward at the Itaipu meeting which took place on July 4, 2003 (I South American Meeting on Integrated Actions for the Control of the Golden Mussell (*Limnoperna fortunei*) available on the PTI website (www.pti.org.br).

Below, a summary report of the proposal that was developed at this meeting is presented. It serves as a template for everyone and is meant to be complemented by suggestions from the companies. After this, it will be consolidated and delivered to everyone.

Summarized view of proposals for the control of the Golden Mussel

Sector	Preventative Action	Corrective/Maintenance Measures
Industrial	 Remain vigilant about the legislation that defines chlorine levels in the water (D.N.020/1986 do CONAMA) Identify contaminated installations by monitoring water for [the presence of] larvae ([offer] training through ABRAGE) Definition of transit areas that are open to boating 	 Suggest to IBAMA that each use of chlorine does not need to be approved individually Identification of the dispersal areas by IBAMA Introduce MMA's Working Group to the methodology already defined by the Electrical Sector Suggestions that MMA define biosecurity protocols
Environmental	 Definition by MMA, of the function of public and private organisations in the maintenance of biosecurity Conduct a survey of industrial, agricultural, aquacultural (etc.) activities to publicise the problem 	 Distribution by MMA of advertising for public education/awareness Have publications directed by IBAMA to the specific sectors with potential risk(s)
Institutional	Publication of resultsTraining Courses	 Suggest that MMA create websites and chat lines for more rapid exchange of information between those involved with the problem Suggest that IBAMA present training courses for scientific personnel and public companies, so that they can be involved in the process.