

"SAFETY AND LOADING PROCEDURES ON THE SPILLWAY AT PLANT SCHERER"

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ABSTRACT

The purpose of this paper is to give a description of a controlled blasting program and why Georgia Power now has one; mainly because of the Spillway Project.

Mass blasting primarily had been included in the bid by the General Contractor. On this project, it was decided that Georgia Power Company would do the drilling and blasting. Detonating Cord and Long Period Delays (for movement) were used with 2" X 16" Gelatin Powder. The Detonating Cord was a safety precaution in case of a misfire.

The progress began with partial success and with little control in the first thirteen (13) shots. At this point, it was decided to regroup and the blasting program to develop valid blasting procedures was born.

First, blasting was halted until a Blasting Consultant could be called in. Blasting was then resumed after a Pre-Blast Plan was submitted and approved.

Secondly, a Blasting Inspector was trained to directly oversee the field operations and keep detail reports of loading data. Site procedures for blasting were written and submitted for Company approval.

Information concerning the background of these procedures as to how and why they came about are discussed in detail in this paper. Also discussed are the successful results implementing these procedures.