



Do pumped storage projects need indicators

What is a design basis for a pumped storage project?

This section defines the various design basis areas and factors that should be considered, evaluated, and documented for a pumped storage project. The design basis for a project should be clearly defined and understood by everyone involved in the project operation, maintenance, and modification.

What should be included in a pumped storage project?

2. C. Each Pumped Storage project should have a design change/configuration control program. This program should ensure the design basis of the plant is controlled and maintained through procedures and processes that assure unauthorized changes are not made to equipment important to safety.

What considerations should be considered in a pumped storage plant?

In addition to the design basis considerations for instrumentation that is discussed in section 1 of this document, the following additional considerations should be considered regarding the design, testing, operation and maintenance of level instrumentation in a pumped storage plant. Field instrumentation is essential for operational safety.

When should a pumped storage project be staffed?

The January 13, 2006 FERC letter or more current FERC guidance should be considered by the licensee when determining the staffing of a pumped storage project. Un-staffed operation should only be considered when robust fail safe systems, procedures and processes are in place to support unattended operation.

Do pumped storage projects need to be monitored 24 hours a day?

On January 13, 2006 the Federal Energy Regulatory Commission (FERC) issued a letter to all licensed pumped storage projects requiring them to be staffed and monitored twenty-four hours per day, seven days per week.

When should a pumped storage facility be reviewed?

Accordingly, when the operational basis of a pumped storage facility has changed or a change is being contemplated, the original design basis of the facility should be reviewed and the following items considered in order to assure the owner the safety of the facility has not been compromised to an unsafe level.



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