



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
101 MARIETTA ST., N.W., SUITE 3100  
ATLANTA, GEORGIA 30303

TIC

AUG 20 1979

In Reply Refer To:  
RII:JPO  
50-348

Alabama Power Company  
ATTN: F. L. Clayton, Jr.  
Senior Vice President  
P. O. Box 2641  
Birmingham, AL 35291

Gentlemen:

Enclosed is IE Bulletin No. 79-02, Revision 1, Supplement No. 1, which clarifies NRC positions on actions requested with regard to your power reactor facility(ies) with an operating license.

Should you have any questions regarding this Bulletin or the actions required by you, please contact this office.

Sincerely,

James P. O'Reilly  
Director

Enclosures:

1. IE Bulletin No. 79-02,  
Revision No. 1  
(Supplement No. 1)
2. Listing of IE Bulletins  
Issued in Last Six Months

POOR  
ORIGINAL

7909070236

923 351

AUG 20 1979

Alabama Power Company

-2-

cc w/encl:

A. R. Barton  
Executive Vice President  
Post Office Box 2641  
Birmingham, Alabama 35291

J. T. Young  
Vice President-Production  
Post Office Box 2641  
Birmingham, Alabama 35291

C. Biddinger, Jr.  
Manager-Corporate Quality Assurance  
Post Office Box 2641  
Birmingham, Alabama 35291

H. O. Thrash  
Manager-Nuclear Generation  
Post Office Box 2641  
Birmingham, Alabama 35291

H. G. Hairston, III  
Plant Manager  
Drawer 470  
Ashford, Alabama 36312

R. E. Hollands, Jr.  
QA Supervisor  
Post Office Box U  
Ashford, Alabama 36312

923 352

SSINS: 6820  
Accession No:  
7908150164

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
WASHINGTON, D.C. 20555

August 20, 1979

IE Bulletin No. 79-02  
Revision No. 1  
(Supplement No. 1)

PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHOR BOLTS

Description of Circumstances:

The supplement to IE Bulletin No. 79-02 is intended to establish criteria for the evaluation of interim acceptability of plant operation with less than the design factors of safety for piping supports due to as-built problems, under design, base plate flexibility, or anchor bolt deficiencies.

In the reviews for system operability of the Duane Arnold and Crystal River facilities, criteria have been developed by the NRC staff that defines pipe support operability. The criteria has been applied in lieu of other analysis or evaluation. Specifically, the licensees identified problems with pipe supports in which the original design factors of safety were not met but some lesser margin was available. The design margins of four or five are intended to be final design and installation objectives but systems may be classed as operable on an interim basis with some lesser margin providing a program of restoration to at least the Bulletin factors of safety has been developed. Facilities which fall outside the operability criteria are considered to probably require a Technical Specification exception and will require review on a case by case basis.

Action to be Taken by Licensees:

For the following two cases, plant operation may continue or may begin:

- a. For the support as a unit, the factor of safety compared to ultimate strengths is less than the original design but equal to or greater than two.
- b. For the anchor bolts the factor of safety is equal to or greater than two and for the support steel the original design factor of safety compared to ultimate strengths is met.

The above criteria may be applied p  
graded to design margins of safety  
and by the next refueling for nonac  
fined in Bulletin No. 79-14 where "  
of the plant which can be entered d

DUPLICATE DOCUMENT

Entire document previously entered  
into system under:

ANO 7908150164

No. of pages: 6

923 353