

February 18, 1987

Docket No. 50-416

DISTRIBUTION

Docket File

NRC PDR

LPDR

PD#4 Rdg.

RBernero

Young, OGC

EJordan

BGrimes

JPartlow

NThompson

LKintner

JUnda

BSiegel

MO'Brien

ACRS(10)

Mr. Oliver D. Kingsley, Jr.
Vice President, Nuclear Operations
Systems Energy Resources, Inc.
P. O. Box 23054
Jackson, Mississippi 39205

Dear Mr. Kingsley:

SUBJECT: SAFETY EVALUATION OF REVISIONS 7 AND 8 TO THE OFFSITE DOSE
CALCULATION MANUAL

Re: Grand Gulf Nuclear Station, Unit 1 (GGNS-1)

REFERENCE: NUREG-0133, "Preparation of Radiological Effluent Technical
Specifications for Nuclear Power Plants, A Guidance Manual
for Users of Standard Technical Specifications," NRC,
October 1978.

By letters dated September 2 and September 26, 1986, the licensee (Mississippi
Power & Light Company prior to December 20, 1986, now Systems Energy Resources,
Inc.) submitted Revisions 7 and 8, respectively to the GGNS-1 Offsite Dose
Calculation Manual (ODCM). Revision 7 provided several administrative changes.
Revision 8 responded to staff concerns provided to the licensee in the staff's
April 2, 1986 safety evaluation which found Revision 6 to be generally acceptable.
Revision 8 also provided other changes and clarifications.

The NRC staff has completed its review of Revisions 7 and 8 to the ODCM. The
staff concludes that the GGNS-1 ODCM as revised through Revision 8 dated
August 1986 uses documented and approved methods that are consistent with the
methodology and guidelines in NUREG-0133, and is, therefore, an acceptable
reference for use with the GGNS-1 Technical Specifications. The staff further
concludes that the changes made in Revision 8 have satisfactorily addressed
the concerns expressed in the staff's April 2, 1986 safety evaluation of
Revision 6 to the ODCM.

Sincerely,

8702250288 870218
PDR ADOCK 05000416
P PDR

/s/

Lester L. Kintner, Project Manager
BWR Project Directorate No. 4
Division of BWR Licensing

cc: See next page

PD#4/PM

LKintner:lb

02/18/87

PD#4/D

WButler

2/18/87



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

February 18, 1987

Docket No. 50-416

Mr. Oliver D. Kingsley, Jr.
Vice President, Nuclear Operations
Systems Energy Resources, Inc.
P. O. Box 23054
Jackson, Mississippi 39205

Dear Mr. Kingsley:

SUBJECT: SAFETY EVALUATION OF REVISIONS 7 AND 8 TO THE OFFSITE DOSE
CALCULATION MANUAL

Re: Grand Gulf Nuclear Station, Unit 1 (GGNS-1)

REFERENCE: NUREG-0133, "Preparation of Radiological Effluent Technical
Specifications for Nuclear Power Plants, A Guidance Manual
for Users of Standard Technical Specifications," NRC,
October 1978.

By letters dated September 2 and September 26, 1986, the licensee (Mississippi Power & Light Company prior to December 20, 1986, now Systems Energy Resources, Inc.) submitted Revisions 7 and 8, respectively, to the GGNS-1 Offsite Dose Calculation Manual (ODCM). Revision 7 provided several administrative changes. Revision 8 responded to staff concerns provided to the licensee in the staff's April 2, 1986 safety evaluation which found Revision 6 to be generally acceptable. Revision 8 also provided other changes and clarifications.

The NRC staff has completed its review of Revisions 7 and 8 to the ODCM. The staff concludes that the GGNS-1 ODCM as revised through Revision 8 dated August 1986 uses documented and approved methods that are consistent with the methodology and guidelines in NUREG-0133, and is, therefore, an acceptable reference for use with the GGNS-1 Technical Specifications. The staff further concludes that the changes made in Revision 8 have satisfactorily addressed the concerns expressed in the staff's April 2, 1986 safety evaluation of Revision 6 to the ODCM.

Sincerely,

A handwritten signature in cursive script, reading "L L Kintner", is positioned above the typed name.

Lester L. Kintner, Project Manager
BWR Project Directorate No. 4
Division of BWR Licensing

cc: See next page

Mr. Oliver D. Kingsley, Jr.
System Energy Resources, Inc.

Grand Gulf Nuclear Station (GGNS)

cc:

Mr. Ted H. Cloninger
Vice President, Nuclear Engineering
and Support
System Energy Resources, Inc.
Post Office Box 23054
Jackson, Mississippi 39205

Mr. C. R. Hutchinson
GGNS General Manager
System Energy Resources, Inc.
Post Office Box 756
Port Gibson, Mississippi 39150

Robert B. McGehee, Esquire
Wise, Carter, Child, Steen and Caraway
P.O. Box 651
Jackson, Mississippi 39205

The Honorable William J. Guste, Jr.
Attorney General
Department of Justice
State of Louisiana
Baton Rouge, Louisiana 70804

Nicholas S. Reynolds, Esquire
Bishop, Liberman, Cook, Purcell
and Reynolds
1200 17th Street, N.W.
Washington, D. C. 20036

Office of the Governor
State of Mississippi
Jackson, Mississippi 39201

Mr. Ralph T. Lally
Manager of Quality Assurance
Middle South Utilities System
Services, Inc.
P.O. Box 61000
New Orleans, Louisiana 70161

Attorney General
Gartin Building
Jackson, Mississippi 39205

Mr. John G. Cesare
Director, Nuclear Licensing and Safety
System Energy Resources, Inc.
P.O. Box 23054
Jackson, Mississippi 39205

Mr. Jack McMillan, Director
Division of Solid Waste Management
Mississippi Department of Natural
Resources
Bureau of Pollution Control
Post Office Box 10385
Jackson, Mississippi 39209

Mr. R. W. Jackson, Project Engineer
Bechtel Power Corporation
15740 Shady Grove Road
Gaithersburg, Maryland 20877-1454

Alton B. Cobb, M.D.
State Health Officer
State Board of Health
P.O. Box 700
Jackson, Mississippi 39205

Mr. Ross C. Butcher
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Route 2, Box 399
Port Gibson, Mississippi 39150

President
Claiborne County Board of Supervisors
Port Gibson, Mississippi 39150

Regional Administrator, Region II
U.S. Nuclear Regulatory Commission
101 Marietta Street, N.W., Suite 2900
Atlanta, Georgia 30323

Mr. James E. Cross
GGNS Site Director
System Energy Resources, Inc.
P.O. Box 756
Port Gibson, Mississippi 39150