

Docket No. 50-382

JAN 14 1980

Louisiana Power and Light Company
ATTN: Mr. D. L. Aswell
Vice President, Power Production
142 Delaronde Street
New Orleans, LA 70174

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Gentlemen:

As a result of our continuing Waterford 3 environmental review, we find that we need additional information to complete our evaluation. The specific information required is identified in the enclosure to this letter. Your reply should consist of a sequentially numbered revision to your Environmental Report for Waterford 3 and should be distributed in accordance with my letter to you of August 3, 1979.

Please inform me of the date when this information will be provided. We have already received informal responses to questions 301.44 - 301.46.

Sincerely,

Original Signed by
Phillip C. Cota

for
Ronald L. Ballard, Chief
Environmental Projects Branch 1
Division of Site Safety and
Environmental Analysis

Enclosure:
Request for Additional
Information

cc: Dr. E. B. Carrier
Louisiana State Historic
Preservation Officer

Service list (attached)

OFFICE ▶	DSE:EP-1	DSE:EP-1			
SURNAME ▶	PCCota:mb	for RL Ballard		A	
DATE ▶	1/14/80	1/14/80			385
				3001240	

REQUEST FOR ADDITIONAL INFORMATION

WATERFORD UNIT NO. 3

- 301.44 Please refer to OLER, page 3.4.2, Table 5.1.3, and Table 5.1.5. If the average low river flow at Waterford site is about 200,000 cfs, then according to Table 5.1-3, the average low water level (ALWL) should be about 2.3 ft MSL instead of 0.9 ft MSL as stated on page 3.4-2. Please clarify this.
- 301.45 Please refer to OLER, page 3.4-3. If the ALWL is indeed 2.3 ft MSL, then for four pump operation, the discharge velocity into the river should be about 6.1 fps instead of 7 fps as stated on page 3.4-3. Please clarify this.
- 30.146 Please refer to OLER, Table 5.1.2. For average spring flow condition, the discharge velocity at Waterford 3 should be 2.5 fps instead of 1.9 fps as shown in the Table 5.1.2. Please check this.
- 301.47 The project vicinity is in an archaeologically sensitive area for historic site location, according to a letter we received recently from Dr. E. B. Carrier, the Louisiana State Historic Preservation Officer. His maps indicate the project to be in the location of the old Waterford Plantation. While portions of this site may have been destroyed by previous levee construction and industrial activity, significant cultural remains may still be present. The previous survey was restricted to the proposed power line routes and intake and discharge structures, and no evidence of this site was discovered.

In order to determine the impact on the Waterford Plantation and on any unknown cultural resources, we request that you conduct a cultural resources survey of the remaining portions of the property. This should include an intensive archaeological survey with systematic sub-surface testing, and an architectural survey of all standing structures. We request that all buildings be documented with clear photographs in your response to this request for additional information. This survey should be coordinated with the State Historic Preservation Officer to insure that he finds the survey adequate. His address is:

Dr. E. Bernard Carrier
Division of Archaeology and Historic Preservation
Department of Culture, Recreation & Tourism
P. O. Box 44247, Capitol Station
Baton Rouge, Louisiana 70804
(504) 342-6682

OFFICE					
SURNAME					
DATE					

cc: B. Jim Porter, Administrator
Nuclear Energy Division
Department of Natural Resources
P. O. Box 14690
Baton Rouge, LA 70808

Mr. C. J. Potts, EIS Coordinator
U. S. Environmental Protection
Agency Region VI
1201 Elm Street
First International Building
Dallas, Texas 75270

District Engineer
U. S. Army Engineers District,
New Orleans
P. O. Box 60267
New Orleans, LA 70160

Regional Director
National Marine Fisheries Service
9450 Gandy Blvd. North
Duval Bldg.
St. Petersburg, Florida 23702

Regional Director
U. S. Fish and Wildlife Service
17 Executive Park Drive
Atlanta, GA 30329

Steven M. Irving, Esq.
One American Place, Suite 1601
Baton Rouge, LA 70925

Luke Fontana, Esq.
825 Esplanade Avenue
New Orleans, LA 70116

Lyman L. Jones, Jr.
910 Security Homestead, Bldg.
4900 Veterans Memorial Blvd.
Metairie, LA 70002

W. Malcolm Stevenson, Esq.
Monroe & Lemann
1424 Whitney Building
New Orleans, Louisiana 70130

Robert LaFlaur, Executive Secretary
Louisiana Stream Control Commission
P. O. Drawer FC, University Station
Baton Rouge, Louisiana 70993

Dr. E. Bernard Carrier, Director
State Historic Preservation Officer
Department of Culture, Recreation
and Tourism
Office of Program Development
P. O. Box 44247
Baton Rouge, LA 70804

Louis Quinn, Executive Secretary
Louisiana Public Service Commission
1 American Place-Suite 1630
Baton Rouge, Louisiana 70825

President, Police Jury
St. Charles Parish
Hahnville, Louisiana 70057

Office of State Clearinghouse
Department of Urban and
Community Affairs
P. O. Box 44455, Capitol Station
Baton Rouge, Louisiana 70804

Teche Regional Clearinghouse
c/o South Central Planning and
Development Commission
P. O. Box 846
Thibodaux, LA 70301

Louisiana Power and Light Company
ATTN: Mr. Ray Prados
142 Delaronde Street
New Orleans, LA 70174

Fred Humke, 6AEE, Enforcement Division
U. S. Environmental Protection
Agency Region VI
1201 Elm Street, First International
Bldg.
Dallas, Texas 75270

OFFICE

SURNAME

DATE

cc (continued):

Ernest Blake, Esq.
Shaw, Pittman, Potts & Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Stephen M. Irving, Esq.
One American Place, Suite 1601
Baton Rouge, Louisiana 70825

OFFICE					
SURNAME					
DATE					