



LOUISIANA
POWER & LIGHT

142 DELARONDE STREET
P O BOX 8008 • NEW ORLEANS, LOUISIANA 70174 • (504) 366-2345

June 25, 1980

D. L. ASWELL
Vice President-Power Production

LPL 13435
3-A45
3-A45.01
3-A1.01.04

Mr. Brian K. Grimes, Director
Emergency Preparedness Task Group
Office Of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, D. C. 20555

SUBJECT: Waterford SES Unit No. 3
Emergency Planning
Evacuation Time Estimates

REFERENCES: (1) Letter from Brian K. Grimes to applicants for
Construction Permits and Licensees of Plants
Under Construction dated December 26, 1979
(2) LPL 13411 dated March 24, 1980
(3) LPL 13397 dated March 24, 1980
(4) LPL 13444 dated March 24, 1980
(5) Letter from Mr. B. Madre to Mr. D. Aswell dated
April 28, 1980
(6) Comments from Mr. K. Friloux dated April 15, 1980
(7) Letter from Mr. W. Landry to Mr. K. Friloux dated
March 27, 1980

Dear Mr. Grimes:

Enclosed are two (2) copies of the evacuation time estimate for the area
around Waterford 3 SES as requested in Reference 1.

Attached are References 2 thru 4 which transmit the evacuation time estimate
to State and local officials having a principal role in emergency planning
and evacuation around Waterford 3 for their review and comments.

Also attached are References 5 thru 7 which comment on the evacuation time
estimate.

If there are any questions, please let us know.

Yours very truly,

D. L. Aswell

D. L. Aswell

DLA:RGA:mcb

Enclosures

Boo!

1/1

ADD:	<u>lt2</u>	<u>Enc</u>
EPB-DOR	2	2
State Programs	1	1
B. GRIMES	1	1

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LOUISIANA
POWER & LIGHT

142 DELAHONDE STREET
P O BOX 6008 • NEW ORLEANS LOUISIANA 70174 • (504) 355 2345

March 24, 1980

G. E. ATWELL
Vice President, Power Production

LPL 13411
3-A45

Mr. Sterling Melancon, President
St. Charles Parish Police Jury
Route 1, Box 361
Hahnville, Louisiana 70057

SUBJECT: Waterford 3 SES
Emergency Planning
Evacuation Time Estimates

Dear Mr. Melancon:

Recently, the Nuclear Regulatory Commission (NRC) has requested that licensees for nuclear power plants under construction submit evacuation time estimates for areas around their plants by March 31, 1980. Additionally, the NRC has requested that comments on these estimates should be obtained from the principal local officials responsible for carrying out such evacuation. Further, the NRC has required that your comments be included in the March 31 submittal.

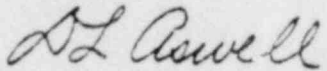
Louisiana Power & Light has completed the subject effort in cooperation with various local governmental agencies. The estimates contained in this report are the first available from a computerized traffic simulation model. The model may be utilized to further develop the evacuation plans for both St. Charles and St. John The Baptist Parishes on a continuing basis. Also, we would like to emphasize that these estimates are based on numerous assumptions which can be further evaluated as we, with your cooperation, continue the emergency planning for Waterford Unit 3.

Enclosed are copies of the report on evacuation time estimates for St. Charles Parish and St. John The Baptist Parish. Your distribution to the appropriate individuals for their review and comments would be appreciated. Your expeditious response would also be appreciated so that our Mr. Robert Azzarello could obtain these comments from your office on March 31, 1980.

Mr. Sterling Melancon
LPL 13411
Page 2

If there are any questions on the above request, please let us know.

Yours very truly,

A handwritten signature in cursive script, appearing to read "D. L. Aswell".

D. L. Aswell

DLA/RG/ddc

bcc: D. L. Aswell, L. V. Maurin, F. J. Drummord, M. I. Meyer, J. McCloskey,
J. Cipriano, E. Wahden, J. Gimber, A. Davis, R. G. Azzarello



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March 24, 1980

D. L. ASWELL
Vice President-Power Production

LPL 13397
3-A45

Mr. Brent Tregre, President
St. John The Baptist Parish Police Jury
Parish Annex Building
Airline Highway
LaPlace, Louisiana 70068

SUBJECT: Waterford 3 SES
Emergency Planning
Evacuation Time Estimates

Dear Mr. Tregre:

Recently, the Nuclear Regulatory Commission (NRC) has requested that licensees for nuclear power plants under construction submit evacuation time estimates for areas around their plants by March 31, 1980. Additionally, the NRC has requested that comments on these estimates should be obtained from the principal local officials responsible for carrying out such evacuation. Further, the NRC has required that your comments be included in the March 31 submittal.

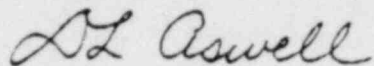
Louisiana Power & Light has completed the subject effort in cooperation with various local governmental agencies. The estimates contained in this report are the first available from a computerized traffic simulation model. The model may be utilized to further develop the evacuation plans for both St. Charles and St. John The Baptist Parishes on a continuing basis. Also, we would like to emphasize that these estimates are based on numerous assumptions which can be further evaluated as we, with your cooperation, continue the emergency planning for Waterford Unit 3.

Enclosed are copies of the report on evacuation time estimates for St. Charles Parish and St. John The Baptist Parish. Your distribution to the appropriate individuals for their review and comments would be appreciated. Your expeditious response would also be appreciated so that our Mr. Robert Azzarello could obtain these comments from your office on March 31, 1980.

Mr. Brent Tregre
LPL 13397
Page 2

If there are any questions on the above request, please let us know.

Yours very truly,

A handwritten signature in cursive script, reading "DL Aswell".

D. L. Aswell

DLA/RGA/ddc

6cc: D. L. Aswell, L. V. Maurin, F. J. Drummond, M. I. Meyer, J. McCloskey,
J. Cipriano, E. Wahden, J. Gimber, A. Davis, R. G. Azzarello



LOUISIANA
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March 24, 1980

D. L. ASWELL
Vice President, Power Production

LPL 13444
3-A45

Mr. Jim Porter
Louisiana Nuclear Energy Division
P. O. Box 14690
Baton Rouge, Louisiana 70808

SUBJECT: Waterford 3 SES
Emergency Planning
Evacuation Time Estimate

REFERENCE: Letter from Brian K. Grimes to applicants for Construction
Permits and Licensees of plants under construction dated
December 26, 1979.

Dear Mr. Porter:

Enclosed are 5 copies of the Waterford 3 SES evacuation time estimate as requested by the NRC in the referenced letter.

It should be noted that we have distributed the above mentioned estimate to officials in St. John the Baptist and St. Charles Parishes for their review and comments. We have requested that their comment be available by March 31, 1980. Additionally if you have any comments on the subject effort, we would appreciate it if you could forward them to us by March 31, 1980.

If there are any questions, please let us know.

Yours very truly,

D. L. Aswell

DLA:RGA:bms

cc: D. L. Aswell, L. V. Maurin, D. B. Lester, F. J. Drummond, M. I. Meyer,
R. W. Prados, R. G. Azzarello



BERTRAM P. MADERE
DIRECTOR

ST. JOHN THE BAPTIST PARISH
CIVIL DEFENSE AGENCY
P. O. BOX 359 — PERCY HEBERT BUILDING
LAPLACE, LOUISIANA 70068
652-2222

April 28, 1980

Mr. D. L. Aswell
Vice-President-Power Production
Louisiana Power & Light Company
142 Delaronde Street
P.O. Box 6008
New Orleans, Louisiana 70174

Dear Mr. Aswell:

In reply to the recent evacuation survey conducted on St. Charles-St. John Parishes, let me offer my sincere appreciation to you and Louisiana Power & Light for having such a study conducted. I believe that this document points out the pressing problems local government must face should evacuation ever become necessary.

Although I feel this survey was in itself thorough, this agency disagrees with some of the estimated times of evacuation of certain areas within St. John Parish. For example: our figures show that in the event of an emergency it would take approximately 2.5 hours to assure notification of the LaPlace residents alone and another 2.7 hours to move 5,000 vehicles from the same area on U.S. Highway 61 if all conditions are right, such as roadblocks, weather conditions, etc.

If you assume that sheriff's deputies will have to handle notification as well as traffic control (which they will without outdoor warning) the confusion seen at intersections and the bottlenecks created will at least add an additional 2 hours to the evacuation estimates making it virtually impossible to safely secure the LaPlace area in less than 7.2 hours.

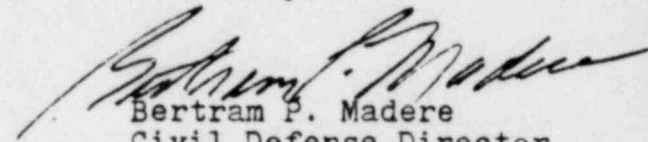


Mr. D. L. Aswell
April 28, 1980
Page two

It is my intent to work with any agency, state, local, or private who can assist us in developing a better evacuation plan with a faster response time. However without an outdoor warning system or additional access routes out of the LaPlace-Reserve areas, I believe our attempt to cut the estimated times down is fruitless.

Thank you for your concern and cooperation in this endeavor. I feel together we can work for a safer and more secure parish.

Sincerely,

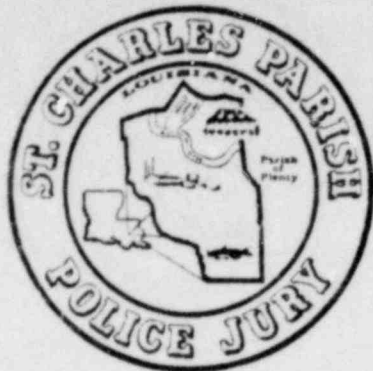


Bertram P. Madere
Civil Defense Director
St. John Parish

BPM/amm

cc: Police Jury
File

B.A.



ST. CHARLES PARISH POLICE JURY

P. O. BOX 302

HAHNVILLE, LOUISIANA 70057

783-6246

729-4449

April 15, 1980

STIRLING MELANCON
PRESIDENT

L. K. FISHER, SR.
VICE-PRESIDENT

KEVIN M. FRILLOUX
ADMINISTRATOR

R. A. BECNEL, JR.
SECRETARY-TREASURER

JURORS

STIRLING MELANCON
WARD I

CLAYTON FAUCHEUX
WARD II

V. J. ST. PIERRE, JR.
WARD III

PHILIP CORTEZ
WARD IV

CURTIS JOHNSON
WARD V

FREDDIE GIANGROSSO
WARD VI

LEONARD K. FISHER, SR.
WARD VII

Kevin M. Friloux
Parish President Elect

Comments-Evacuation Time Estimate Waterford III

1. Most of the estimated evacuation times listed appear to be very short. We have experienced evacuation problems in the past and it seems there is always quite a bit of confusion.
2. In Section 3.1-2) the assumption of "adequate manpower" is taken very lightly.
3. Population data is not current. Special census figures of September 1978 should be used.
4. I feel the evacuation times for the hospital and nursing homes are underestimated.
5. Page 20 Line 6 should read Rte. 48

KEVIN M. FRILLOUX
PARISH PRESIDENT ELECT

KMF:bd

Enclosure

Warren Landry
U.S. Highway 90
Boutte, Louisiana 70039

March 27, 1980

Mr. Kevin Friloux
Parish Administrator
P. O. Box 302
Hahnville, Louisiana 70057

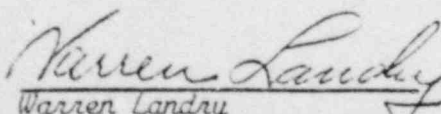
Dear Kevin:

In response to your request for comments on the evacuation time estimate as presented by L P & L, I wish to point out the following observations.

1. The time allocated for notification appears to be very short in view of the fact that no efficient method of warning to the general public has been brought out in the report.
2. The time allocated for the movement of traffic depends on all traffic control points being manned immediately. Any lack of manpower to man an intersection could cause a bottleneck that would throw the entire plan out, therefore, I feel that more time should be allocated to making absolutely sure that all traffic control points are covered.
3. A large portion of the population that do not own automobiles will be forced to find transportation to the closest school to be picked up by school buses after they have completed other tasks. I feel that time estimates for this segment of the evacuation have been grossly underestimated.
4. Population density figures based on the 1970 census should be immediately revised by use of the current estimates in order to get a more realistic picture of the amount of people and vehicles that must be moved and therefore to adjust the time needed to accomplish this.
5. I realize that the short time that was allowed the company to complete this report made it necessary to use a lot of assumptions not necessarily backed up with facts. I would urge that each and every assumption be tested in some way to determine its accuracy or fallacy as the case may be.
6. It would appear that L P & L used assumptions and methodology that is predicated on everyone responding in a calm and collected manner and doing exactly what they are told to do. I do not believe that this assumption is very practical and therefore more time should be allocated to each phase of the evacuation plan to allow for panic and confusion.

I realize that this report will be updated and corrected, however, I would urge L P & L to give the council at least 30 days to study and discuss their final plan when it is ready.

Sincerely,


Warren Landry
Councilman at Large Elect