



**FEMA**

July 15, 2019

MEMORANDUM FOR: Michael S. Casey  
Technological Hazards Division Director

FROM: Denise R. Bordelon *[Signature]*  
Technological Hazards Branch Chief/RAC Chair

THROUGH: Randall D. Meshell *[Signature]*  
National Preparedness Division Director  
Federal Preparedness Coordinator

SUBJECT: Hurricane Barry Preliminary Capabilities Assessment

In accordance with the Preliminary Capability Assessment (PCA) – Disaster Initiated Review (DIR) Standard Operating Procedures, below is the information collected from offsite response organizations located within the 10-mile emergency planning zone of Grand Gulf, River Bend and Waterford III Nuclear Stations. Information was gathered in support of the PCA from both State/Federal Reporting and the Hurricane Barry Coordination Call (1400 Central 7/15/19) facilitated by the Louisiana Department of Environment Quality.

<b>Disaster: Hurricane Barry,</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: Grand Gulf Nuclear Station</b>	<b>Location: Tensas Parish</b>

Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒

Has a State or local emergency been declared? Both the state and Tensas Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes, are up and operable
- Are evacuation routes clear? Yes
- Are support facilities available? Yes
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA
- What is the initial assessment of the infrastructure for the licensee facility and OROs? No issues
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: Waterford 3</b>	<b>Location: St. Charles Parish</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒**

Has a State or local emergency been declared? Both the state and St. Charles Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes, all roads are open
- Are support facilities available? Yes, Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? Alternate route? NA
- What is the initial assessment of the infrastructure for the licensee facility and OROs? No issues
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: Waterford 3</b>	<b>Location: St. John the Baptist Parish</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒**

Has a State or local emergency been declared? Both the state and St. John the Baptist Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes, all routes are clear
- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA

- What is the initial assessment of the infrastructure for the licensee facility and OROs? No issues are back to normal operations
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: River Bend Station</b>	<b>Location: East Baton Rouge Parish</b>

(West Baton Rouge conveyed information on behalf of East Baton Rouge Parish officials)

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒**

Has a State or local emergency been declared? Both the state and East Baton Rouge Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes, all routes are clear
- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA
- What is the initial assessment of the infrastructure for the licensee facility and OROs? No issues
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: River Bend Station</b>	<b>Location: West Baton Rouge Parish</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒**

Has a State or local emergency been declared? Both the state and West Baton Rouge Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes, all routes are clear
- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA

- What is the initial assessment of the infrastructure for the licensee facility and OROs? Downed trees have been cleared and all routes and facilities are operating under normal operations.
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: River Bend Station</b>	<b>Location: East Feliciana Parish</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO X**

Has a State or local emergency been declared? Both the state and East Feliciana Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Awaiting response from the Parish
- Are evacuation routes clear? Awaiting response from the Parish
- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? Awaiting response from the Parish
- What is the initial assessment of the infrastructure for the licensee facility and OROs? Mandatory evacuation ordered for areas that flooded in 2016 along the Amite and Comite Rivers. Parish officials report they have begun the process of deactivation of the EOC and withdrawal of all staged assets 7/14. Awaiting additional response from the Parish.
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: River Bend Station</b>	<b>Location: West Feliciana Parish</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO X**

Has a State or local emergency been declared? Both the state and West Feliciana Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? Yes
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes, all routes are clear

- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA
- What is the initial assessment of the infrastructure for the licensee facility and OROs? Reporting multiple road closures due to flooding 7/14 Parish reported no impediments and no facility issues 7/15
- Are the OROs capable of implementing the protective actions? Yes

<b>Disaster: Hurricane Barry</b>	<b>Date of Assessment: July 15, 2019</b>
<b>Site: River Bend Station</b>	<b>Location: Point Coupee</b>

**Did this disaster cause catastrophic damage in the 10-mile EPZ? YES ☐ NO ☒**

Has a State or local emergency been declared? Both the state and West Feliciana Parish have submitted emergency declarations.

- Are offsite emergency response facilities functional and with power? Yes
- Are the OROs available? Yes
- Are facilities for people with disabilities and access/functional needs operable? Yes
- Are Alert and Notification Systems (ANS) operable? 3 sirens lost AC power and are on battery switch power at this time. Entergy has activated maintenance contract and anticipates the sirens will be repaired shortly. We will continue to monitor the progress of repair.
- Are communication systems operable? Yes
- Are evacuation routes clear? Yes
- Are support facilities available? Yes Note: The Raising Cane's River Center was utilized as a general population shelter but the portion of the center used for reception center services is not being used as a shelter and is available if needed.
- Have compensatory measures been put in place by the ORO or NRC Licensee? NA
- What is the initial assessment of the infrastructure for the licensee facility and OROs? Reporting multiple trees down in the area 7/14. All roads are now open and facilities are at normal operations.
- Are the OROs capable of implementing the protective actions? Yes

In addition to the information listed above, all three Nuclear Power Stations are currently operating at 100% and did not cease operations during the Hurricane Barry event period. We are awaiting additional information from East Feliciana Parish but based on the information collected thus far, FEMA Region 6 does not recommend the conduct of a Disaster Initiated Review for this event. The Region 6 Administrator, George A. Robinson, has been briefed and concurs with this decision.

All reporting for this event has been captured on the following FEMA Region 6 SharePoint site: [Hurricane Barry Tech Hazards](#) If additional information is needed or you have questions, please do not hesitate to contact me at 940-383-7387 or at [denise.bordelon@fema.dhs.gov](mailto:denise.bordelon@fema.dhs.gov).