

Emergency Action Plan (EAP)

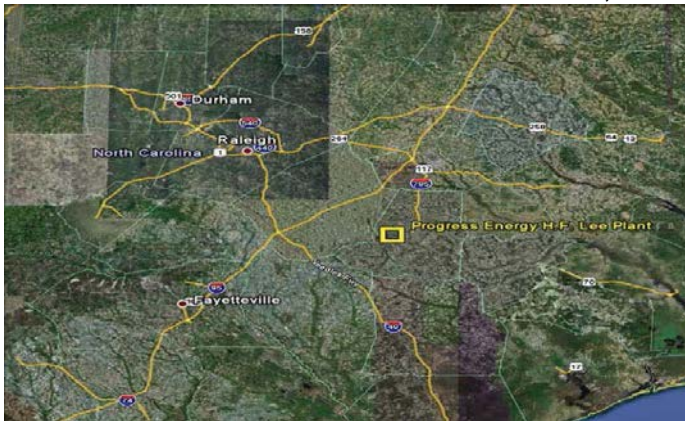
Duke Energy H. F. Lee Energy Complex Active Ash Pond Dam

State Dam Safety ID. No Wayne-022.
National Inventory of Dams (NID) No – NC04668
Wayne County, North Carolina

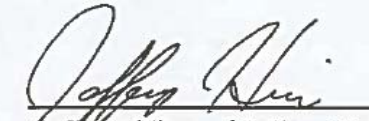
HFL-EAP-00-0002
Revision Number: 005
April 17, 2017

Operator/Owner Information:

Duke Energy Corporation
550 South Tryon Street
Charlotte, North Carolina 28202

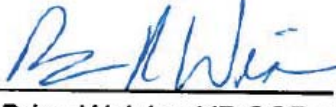


Reviewed:



Date: 2/22/2017
Jeffery Hines Station Manager
Duke Energy H.F. Lee Energy Complex

Cedric D. Fairbanks
Digitally signed by Cedric D. Fairbanks
DN: cn=Cedric D. Fairbanks, o=CCP O&M, ou,
email=cedric.fairbanks@duke-energy.com, c=US
Date: 2017.02.23 14:38:37 -05'00'
Date: _____
Cedric Fairbanks System Owner
Duke Energy H.F. Lee Energy Complex


Date: 2/22/2017
Issa Zarzar CCP Regional General Manager
Duke Energy H.F. Lee Energy Complex


Date: 2/24/2017
Brian Weisker VP CCP ops. & Maint.
Duke Energy H.F. Lee Energy Complex

Potential Impacted Area(s)

Potentially impacted areas were identified by conducting a dam breach and breach inundation analyses for the H. F. Lee Energy Complex Active Ash Pond Dam. 



Dam Description: H. F. Lee Active Ash Pond Dam

Height: 20 ft.	Drainage Area: 0.22 sq. miles
Built: 1980	Hazard Classification: State-High/EPA-Significant
Latitude: 35.37910	Dam Operator: Duke Energy
Longitude: -78.06980	Major Property Owner: Duke Energy
National Inventory of Dams No.: NC04668	Dam Designer: CP&L
Dam State ID Number: WAYNE-022	

See design data in *Appendix B*.

Directions to H. F. Lee Active Ash Pond (See *Vicinity Map*, Appendix B–2 and *Site Map*, Appendix B-3) From Goldsboro, North Carolina: Travel approximately 2 miles west on Ash Street (NC 581 N) to Old Smithfield Road. At Old Smithfield Road, continue straight on Ash Street, which becomes Stevens Mill Road. Travel west on Stevens Mill Road approximately 4.25 miles to Black Jack Church Road. Turn right onto Black Jack Church Road and travel approximately 1.25 miles to the security gate. Access is monitored 24 hours/day, 7 days per week and entry is obtained by using the call box at the gate.

From Newton Grove, North Carolina: Travel approximately 11.5 miles northeast on US-13N. Turn left onto Falling Creek Church Road and travel north approximately 3.5 miles. Turn right onto Stevens Mill Road and travel east approximately 3.5 miles. Turn left onto Black Jack Church Road and travel approximately 1.25 miles to the security gate. Access is monitored 24 hours/day, 7 days per week and entry is obtained by using the call box at the gate.

URGENT DAM FAILURE NOTIFICATIONS

(Urgent! Dam failure is imminent or in progress.)

In the case of a security or sabotage event, call 911 before initiating the notifications below.

E
M
E
R
G
E
N
C
Y

L
E
V
E
L

1

R
E
D

IMT shall be activated
for all Level 1
incidents

H. F. Lee Control Room

If not already called

System Owner

(1) Wayne County Office of
Emergency, Management Services

(2) Supt Operations

(3) North Carolina Emergency
Operations Center

NOTE: County EM will notify
appropriate organizations
(law enforcement, fire, etc.)
as the event warrants.

Duke Energy Emergency
Hotline

Station Manager

VP Carolinas Natural Gas
Gen

Govt & Comm Relations Mgr

Corporate Legal

State President-NC

(A) Site Environmental Coordinator

CCP Regulatory Affairs

NCDEQ Division of Land Quality - Dam
Safety Fayetteville Regional Office

(B) CCP Engineer

Dam Engineering
Consultant

(C) GM CCP Regional Ops &
Maint

VP CCP Ops & Maintenance

VP CCP Governance & Ops
Support

SVP Coal Combustion
Products

Incident Support Team

Mgr CCP Governance

Dir CCP Governance & Ops
Suppt

See Emergency Contacts List in Appendix A-7 for back-up
numbers and additional emergency personnel contact info.

Note:

(1-3) denotes call sequence for Control Room/Shift Supv
(A-C) denotes call sequence for System Owner

Scripting for Notifications:

(1-3): "This is _____ (name and position). A Level 1 event exists involving a _____ (Describe Situation) of the (Specify Pond Name and/or Type) at the Duke Energy (Plant/Facility name). We will advise when the situation is resolved or if conditions change. I can be contacted at the following number _____. My alternate phone number is _____."

"We DO need offsite assistance and this is what we need _____. Please relay this information to your Emergency Management Director as soon as possible."
OR

"We DO NOT need any offsite assistance at this time; we are just calling to keep you informed. However, please relay this information to your Emergency Management Director as soon as possible." Ask Operator to repeat message back for confirmation.

(A-C): "This is _____ (name and position). A Level 1 Event exists at _____ the (Plant/facility name) due to _____ (Describe Situation). We are entering EAP Level 1 and we will be using Action Data sheet _____. A plant status call will occur at _____ (time and date). Please notify appropriate staff to join the call for additional information by calling _____"

Appendix A–7 Emergency Contacts List

1. Emergency Notification Phone List—Internal Resources

Agency/Organization	Principle Contact	Address	Office Telephone Number	Alternate Telephone Number
CCP Engineer				
CCP Regulatory Affairs				
CCP Regulatory Affairs				
Corporate Communications				
Corporate Legal				
Corporate Legal				
Dir CCP Governance & Ops Suppt				
Dir Coal Ash Communications				
Duke Aviation Services				
Duke Energy Emergency Hotline				
GM CCP Proj Plng & Initiation				
GM CCP Project Management				
GM CCP Project Management				
GM CCP Regional Ops & Maint				
Govt & Comm Relations Mgr				

Agency/Organization	Principle Contact	Address	Office Telephone Number	Alternate Telephone Number
H. F. Lee Control Room				
Incident Support Team				
Lead Security Specialist				
Mgr CCP Governance				
Mgr CCP Regional Engg				
Mgr Gvnmt & Commtty Rel				
Planner Work Management				
Planner Work Management				
Site Environmental Coordinator				
Sr Financial Analyst				
Sr Financial Analyst				
Sr H&S Professional				
Sr Security Specialist				
State President-NC				

Agency/Organization	Principle Contact	Address	Office Telephone Number	Alternate Telephone Number
Station Manager				
Supt Maintenance				
Supt Operations				
Supv Maintenance				
Supv Operations				
Supv Operations				
Supv Operations				
Supv Operations				
Supv Operations				
Supv WCC & Coord Operations				
SVP Coal Combustion Products				
System Owner				
VP Carolinas Natural Gas Gen				
VP CCP Engineering				

Agency/Organization	Principle Contact	Address	Office Telephone Number	Alternate Telephone Number
VP CCP Governance & Ops Support				
VP CCP Ops & Maintenance				

2. Emergency Notification Phone List – External Resources

Agency/Organization	Principle Contact	Address	Office Telephone Number	Alternate Telephone Number
Dam Engineering Consultant- AMEC				
MarMac Fire Department				
National Weather Service				
NC Department of Transportation				
NC Highway Patrol				
NCDEQ Division of Land Quality - Dam Safety Central Office				
NCDEQ Division of Land Quality - Dam Safety Fayetteville Regional Office				
NCDEQ Division of Land Quality - Dam Safety Washington Regional Office				
North Carolina Department of Transportation				
North Carolina Emergency Operations Center				
Wayne County Office of Emergency, Management Services				
Wayne County Sheriff				

Appendix B–4
Inundation/Downstream Hazards Map
THIS IS A REFERENCE PAGE.

Due to the large size of the inundation maps, they are
located in the locations outlined below:

HARD COPY: The H.F. Lee Energy Complex Inundation
Map can be found at the back of this book under the
“**Inundation Maps**” tab.

ELECTRONIC COPY: The H.F. Lee Energy Complex
Inundation Map can be found in Fusion here:

