Attachment 4 to

GNRO-2012/00039

Entergy Nuclear Grand Gulf Nuclear Station License Renewal Environmental Audit – Hydrology Patton – Attachment D labeled "Well Permits"

Attachment D

Well Permits

Radial Well 1

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-02971

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 756
JACKSON MS 39286

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 04 **Township:** 12N **Range:** 01E

County: CLAIBORNE **Quad:** GRAND GULF

Maximum Volume: 16132.5965 Acre-Feet/Year *equivalent to* 14.4 Million Gallons/Day

Maximum Rate: 10000 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

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Permit Number: MS-GW-02970

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 04 **Township:** 12N **Range:** 01E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 16132.5965 Acre-Feet/Year *equivalent to* 14.4 Million Gallons/Day
Maximum Rate: 10000 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02969

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 02 **Township:** 12N **Range:** 01E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 16132.5965 Acre-Feet/Year *equivalent to* 14.4 Million Gallons/Day
Maximum Rate: 10000 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-00371

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 02 **Township:** 12N **Range:** 01E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 16132.5965 Acre-Feet/Year *equivalent to* 14.4 Million Gallons/Day
Maximum Rate: 10000 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

Radial Well 6

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. O. Box 2309
Jackson, Mississippi 39225

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-16714

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286-1995

Source Of Water: MISSISSIPPI RIVER VALLEY ALLUVIAL AQUIFER

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 02 **Township:** 12N **Range:** 01E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 16132.5965 Acre-Feet/Year *equivalent to* 14.4 Million Gallons/Day
Maximum Rate: 10000 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 03/10/2010
Date Permit Expires: 03/10/2020
Date Permit Modified:
Date Permit Re-issued:

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry

Sam Mabry
Office Director

Construction Well 1

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-02967

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286-1995

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: .25 Million Gallons/Day *equivalent to* 280.0798 Acre-Feet/Year
Maximum Rate: 500 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified: 10/10/2007
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

Construction Well 3

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-14989

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286-1995

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 280.0798 Acre-Feet/Year *equivalent to* .25 Million Gallons/Day
Maximum Rate: 500 Gallons/Minute

Applicant Name: ENTERGY OPERATIONS INC
Applicant Address: PO BOX 31995
JACKSON MS 39286-1995

Date Permit Issued: 08/22/1995
Date Permit Expires: 09/26/2015
Date Permit Modified: 10/10/2007
Date Permit Re-issued: 09/26/2005

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

Construction Well 4

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

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Permit Number: MS-GW-15026

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286-1995

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: INDUSTRIAL

Diversion/Withdrawal Location: IR 1/4 of the IR 1/4 **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 280.0798 Acre-Feet/Year *equivalent to* .25 Million Gallons/Day
Maximum Rate: 500 Gallons/Minute

Applicant Name: ENTERGY OPERATIONS INC
Applicant Address: PO BOX 31995
JACKSON MS 39286-1995

Date Permit Issued: 01/09/1996
Date Permit Expires: 09/26/2015
Date Permit Modified: 10/10/2007
Date Permit Re-issued: 09/26/2005

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

Dewatering Well 1

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02979

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: STANDBY DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 0 Acre-Feet/Year *equivalent to* 0 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: PERMITTED FOR STANDBY USE ONLY. THE PERMITTEE MUST CONTACT AND RECEIVE APPROVAL FROM OLWR TO ACTIVATE WELL.

Sam Mabry
Office Director

Dewatering Well 2

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02978

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: STANDBY DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 0 Acre-Feet/Year *equivalent to* 0 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: PERMITTED FOR STANDBY USE ONLY. THE PERMITTEE MUST CONTACT AND RECEIVE APPROVAL FROM OLWR TO ACTIVATE WELL.

Sam Mabry
Office Director

Dewatering Well 3

STATE OF MISSISSIPPI

Department of Environmental Quality
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PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02977

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: STANDBY DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 0 Acre-Feet/Year *equivalent to* 0 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: PERMITTED FOR STANDBY USE ONLY. THE PERMITTEE MUST CONTACT AND RECEIVE APPROVAL FROM OLWR TO ACTIVATE WELL.

Sam Mabry
Office Director

Dewatering Well 4

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02976

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: STANDBY DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 0 Acre-Feet/Year *equivalent to* 0 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: PERMITTED FOR STANDBY USE ONLY. THE PERMITTEE MUST CONTACT AND RECEIVE APPROVAL FROM OLWR TO ACTIVATE WELL.

Sam Mabry
Office Director

Dewatering Well 5

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

This permit is issued to the landowner named below in accordance with the provisions of the Mississippi Water Laws, Mississippi Code Sections 51-3-1, et seq.(1972, as amended), and the regulations and standards as promulgated thereunder. Whether or not specifically named in this permit or in the applications for this permit, anyone using water from the diversion/withdrawal point described below shall do so in compliance with the provisions of this permit. Neither this permit, nor any authority conferred hereby, may be sold, conveyed, encumbered, assigned, or otherwise aliened, for any period of time or under any conditions whatsoever. This permit may not be modified, transferred or revoked without prior action by the Permit Board. Any attempts to modify, transfer or revoke this permit, or to take any other action on this permit, shall be invalid and unenforceable and may result in immediate revocation or suspension of this permit. The holder of this permit shall at all times be responsible for adherence to the terms and conditions of this permit. No agreement between the permit holder and any other party shall affect the obligations and liabilities of the permit holder. Water use under this permit is allowed only when the streamflow, lake level elevation, or static groundwater level (whichever, if any, is applicable) is above the established minimum, pursuant to Mississippi Code Section 51-3-7. Authorization is hereby granted to divert/withdraw water for the beneficial use designated herein, and for no other purpose, subject to the following terms, conditions, and limitations:

Permit Number: MS-GW-02975

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: STANDBY DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 0 Acre-Feet/Year *equivalent to* 0 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: PERMITTED FOR STANDBY USE ONLY. THE PERMITTEE MUST CONTACT AND RECEIVE APPROVAL FROM OLWR TO ACTIVATE WELL.

Sam Mabry
Office Director

Dewatering Well 6

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02974

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 11.2032 Acre-Feet/Year *equivalent to* .01 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry

Sam Mabry
Office Director

Dewatering Well 7

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02973

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 11.2032 Acre-Feet/Year *equivalent to* .01 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director

Dewatering Well 8

STATE OF MISSISSIPPI

Department of Environmental Quality
Office of Land and Water Resources
P. 0. Box 10631
Jackson, Mississippi 39289-0631

PERMIT

TO DIVERT OR WITHDRAW FOR BENEFICIAL USE THE PUBLIC WATERS

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Permit Number: MS-GW-02972

Landowner Name: SYSTEM ENERGY RESOURCES INC
Landowner Address: PO BOX 31995
JACKSON MS 39286

Source Of Water: TERRACE DEPOSITS, UNDIFFERENTIATED

Beneficial Use: DEWATERING

Diversion/Withdrawal Location: IR **1/4 of the** IR **1/4** **Section:** 12 **Township:** 12N **Range:** 02E

County: CLAIBORNE **Quad:** GRAND GULF
Maximum Volume: 11.2032 Acre-Feet/Year *equivalent to* .01 Million Gallons/Day
Maximum Rate: 200 Gallons/Minute

Applicant Name: GRAND GULF NUCLEAR STATION
Applicant Address: PO BOX 756
PORT GIBSON MS 39150

Date Permit Issued: 11/18/1986
Date Permit Expires: 09/25/2016
Date Permit Modified:
Date Permit Re-issued: 09/25/2006

This permit shall be deemed null and void if construction has not begun within one (1) year of permit issue date

SPECIAL TERMS AND CONDITIONS: NONE

Sam Mabry
Office Director