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U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
NEPA DETERMINATION

**RECIPIENT:**State Of Louisiana-Dept. of Natural Resources (DNR)**STATE:** LA**PROJECT****TITLE :**

Lake Cataouache Pumping Station No.1 Improvements - Parish of Jefferson

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000817	DE-EE0006212	GFO-0006212-002	

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- B5.4 Repair or replacement of pipelines** Repair, replacement, upgrading, rebuilding, or minor relocation of pipelines within existing rights-of-way, provided that the actions are in accordance with applicable requirements (such as Army Corps of Engineers permits under section 404 of the Clean Water Act). Pipelines may convey materials including, but not limited to, air, brine, carbon dioxide, geothermal system fluids, hydrogen gas, natural gas, nitrogen gas, oil, produced water, steam, and water.
- B5.1 Actions to conserve energy or water** (a) Actions to conserve energy or water, demonstrate potential energy or water conservation, and promote energy efficiency that would not have the potential to cause significant changes in the indoor or outdoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, manufacturers, and designers), organizations (such as utilities), and governments (such as state, local, and tribal). Covered actions include, but are not limited to weatherization (such as insulation and replacing windows and doors); programmed lowering of thermostat settings; placement of timers on hot water heaters; installation or replacement of energy efficient lighting, low-flow plumbing fixtures (such as faucets, toilets, and showerheads), heating, ventilation, and air conditioning systems, and appliances; installation of drip-irrigation systems; improvements in generator efficiency and appliance efficiency ratings; efficiency improvements for vehicles and transportation (such as fleet changeout); power storage (such as flywheels and batteries, generally less than 10 megawatt equivalent); transportation management systems (such as traffic signal control systems, car navigation, speed cameras, and automatic plate number recognition); development of energy-efficient manufacturing, industrial, or building practices; and small-scale energy efficiency and conservation research and development and small-scale pilot projects. Covered actions include building renovations or new structures, provided that they occur in a previously disturbed or developed area. Covered actions could involve commercial, residential, agricultural, academic, institutional, or industrial sectors. Covered actions do not include rulemakings, standard-settings, or proposed DOE legislation, except for those actions listed in B5.1(b) of this appendix. (b) Covered actions include rulemakings that establish energy conservation standards for consumer products and industrial equipment, provided that the actions would not: (1) have the potential to cause a significant change in manufacturing infrastructure (such as construction of new manufacturing plants with considerable associated ground disturbance); (2) involve significant unresolved conflicts concerning alternative uses of available resources (such as rare or limited raw materials); (3) have the potential to result in a significant increase in the disposal of materials posing significant risks to human health and the environment (such as RCRA hazardous wastes); or (4) have the potential to cause a significant increase in energy consumption in a state or region.

Rationale for determination:

The State of Louisiana is proposing to provide funding from the State Energy Program - Revolving Loan Fund to the Jefferson Parish to improve the efficiency of the existing pumping station located at 3901 Hwy 90 Marrero, LA 70090. The proposed action would replace 1040 feet of discharge pipe, increase the pipe size from 60 inches to 72 inches, replace two existing older model pump engines with more efficient 665-hp engines, as well as rehabilitate both existing pumps. The engines and pumps are located within the pumping station.

The proposed project would convey storm water runoff from the existing drainage basin located on the west bank of Jefferson Parish into Lake Cataouatche at pumping station Number One. This would increase the water flow rate approximately 125-CFS and restore it to the original capacity of 250-CFS. This would not result in an increase in the station's design discharge capacity. The proposed activities would occur within the 100 year floodplain, and all construction would meet local National Flood Insurance Program building requirements. All work would be on previously disturbed land with no excavating. DOE has determined that 10 CFR1022 "Compliance with Floodplain and Wetland Environmental Review Requirements" is not applicable to this project as it constitutes a minor modification of an existing facility or structure in a floodplain or wetland to improve safety or environmental conditions. Jefferson Parish coordinated with the U.S. Corps of Engineers during their design and construction of the recently completed floodwall to ensure the 72 inch pipe was incorporated into the construction of the floodwall, and it is already in place.

The emissions from the new engines would comply with the existing air emissions permit for the site. The replaced pipe and pump motors will be placed into surplus and auctioned.

The U.S. Fish and Wildlife Service Endangered Species Program website identifies 15 threatened, proposed threatened or endangered species that are known to, or are believed to occur in Jefferson Parish, Louisiana. However, due to the lack of potential habitat for any the species at the project site, lack of critical habitat in the vicinity of the site and the previously disturbed and developed condition of the site; DOE has determined the proposed project would not adversely affect threatened and endangered species in the area.

The National Register of Historic Places does not identify any historic or cultural resources at the proposed project sites.

Prime farmland is not known to occur at the project site. Therefore, no impacts are anticipated.

Based on review of the project information and the above analysis, DOE has determined the proposed project would not have a significant individual or cumulative impact to human health and/or environment. DOE has determined the proposed project is consistent with actions contained in DOE categorical exclusion B5.4 "Repair or replacement of pipelines" and B5.1 "Actions to conserve energy or water" and is categorically excluded from further NEPA review.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Insert the following language in the award:

You are required to:
The state of Louisiana must ensure that Jefferson Parish complies with all existing permits and applies for all required federal, state, and local permits for this project.

Note to Specialist :

Submitted by Diana Heyder 7/2/2014

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: 
NEPA Compliance Officer

Date: 7/10/2014

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature: _____
Field Office Manager

Date: _____