



cc: LE

Southwestern Electric
Power Company
P.O. Box 21106
Shreveport, LA 71156-001
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April 9, 2026

Krys Abel – Louisiana Public Service Commission
Records Section
Galvez Building, 12th Floor
602A North Fifth Street
Baton Rouge, LA 70802

LA PUBLIC SERVICE COMM
APR 10 2026 PM04:03

Docket No. R-37871 - In Re: Louisiana Advanced Nuclear Exploration Program

Dear Ms. Abel,

Southwestern Electric Power Company submits an original and three copies of comments in response to the Louisiana Public Service Commission's invitation for comments and information on a proposed Louisiana Advanced Nuclear Exploration (LANE) Program issued on March 10, 2026. SWEPCO appreciates this opportunity to provide comments and additional information on the proposed Program.

Please return a file marked copy of this letter to me in the self-addressed envelope provided. Should the Commission have any questions, I can be reached at 318-461-9536.

Thank you,

Kayne Martin
Regulatory Consultant

Fedex

**BEFORE THE
LOUISIANA PUBLIC SERVICE COMMISSION
DOCKET NUMBER: R-37871**

LA PUBLIC SERVICE COMM
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**LOUISIANA PUBLIC SERVICE COMMISSION
EX PARTE**

In re: Louisiana Advanced Nuclear Exploration Program.

COMMENTS ON BEHALF OF SOUTHWESTERN ELECTRIC POWER COMPANY

I. INTRODUCTION

Southwestern Electric Power Company (SWEPCO or the Company) submits these comments in response to the Louisiana Public Service Commission's (LPSC or Commission) invitation for comments and information on a proposed Louisiana Advanced Nuclear Exploration (LANE or Program) Program issued on March 10, 2026. SWEPCO appreciates this opportunity to provide comments and additional information on the proposed Program.

II. GENERAL COMMENTS

SWEPCO supports the concept of a nuclear exploration program with a focus on the evaluation and integration of advanced nuclear technologies into Louisiana's generation fleet. SWEPCO appreciates the Commission's proactive approach and consideration to allow utilities the ability to further investigate the potential applications of nuclear technologies and identify any related benefits from the suitable application of nuclear technologies in the State.

After reviewing the proposed LANE Program, SWEPCO does not have any immediate concern with the proposed framework beyond further clarification with the acceptable early-stage activities and technologies included for evaluation. For the purposes of clarity, in addition to those technologies stated as being in the focus of the program, SWEPCO also proposes the specific inclusion of Generation III+ technologies as also being included within the scope of the Program.

SWEPCO reserves the right to submit additional comments and participate further in this proceeding as the Commission refines the proposed LANE Program, as additional information becomes available, or circumstances otherwise warrant.

Respectfully submitted,

SOUTHWESTERN ELECTRIC POWER COMPANY

By _____
Chris Martel
Director of Regulatory Services