Last Energy US

Application Transmittal Letter

Caldwell LWA Application

October 2026

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This document contains:	
Commercially Sensitive Information	No
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Record of Change

Document Owner	Max Barron		
Document Owner Title	Associate Developer		
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VERSION	DESCRIPTION	APPROVED	DATE
0.1	First Draft	V. Aldridge	2026-09-08
0.2	Technical Review	A. Lenarz	2026-09-08
0.3	Updated in response to technical review	K. Zabava	2026-09-18
1.0	Sent to NRC for Review	M. Barron	2026-09-21
1.1	Formatting and updates	K. Zabava	2026-09-29
2.0	Issued Draft to NRC	K. Zabava	2026-09-29
2.1	Incorporating NRC comments	M. Barron	2026-10-12
3.0	Formal Issue	V. Aldridge	2026-10-20

RELEASE VERSION	ROLE	PRINTED NAME	SIGNATURE	DATE
3.0	Document Owner	Max Barron	Maximillian Barron	2026-10-20
3.0	Department Head	Adam Lenarz		2026-10-20

Application Transmittal

Last Energy, Inc.

4201 S Congress Ave, Ste 323

Austin, TX 78745

September 21, 2026

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

Subject: Caldwell Site - Part One of a Construction Permit Application Filed Under 10 CFR 2.101(a)(9), and Request for a Limited Work Authorization Under 10 CFR 50.10(d)

Last Energy, Inc. (Last Energy) submits Part One of a two-part construction permit application for the Caldwell site in Caldwell County, Texas, pursuant to 10 CFR 2.101(a)(9). Last Energy requests that the NRC accept this Part One application for docketing. This application is submitted in accordance with 10 CFR 50.4.

Last Energy requests a limited work authorization under 10 CFR 50.10(d) for permanent foundation work within a plot of land controlled by Last Energy in Caldwell County, Texas. The requested activities include installation of a steel liner, driving of steel H-piles, and placement of bentonite grout. The liner, piles, and grout are permanent elements of the foundation supporting the PWR-20 reactor vessel. Enclosure 2, Preliminary Safety Analysis Report, defines the activities for which authorization is requested and identifies preconstruction activities described for context only. No other construction is requested under the LWA.

The following documents are enclosed.

Document	Title
Enclosure 1	General and Financial Information
Enclosure 2	Preliminary Safety Analysis Report
Enclosure 3	Environmental Report
Enclosure 4	Site Redress Plan

To support completion of the Part One safety review, Last Energy will submit supplemental geotechnical information during the NRC review. The supplemental information will address the Part One geotechnical matters identified in Enclosure 2 and will be provided sufficiently in advance of completion of the NRC safety evaluation to support the applicable review schedule.

Last Energy requests that the NRC accept this Part One application for docketing and issue the requested LWA in accordance with 10 CFR 50.10(d) and (e).

The fee for review of this application is assessed under Table 1 to 10 CFR 170.21. Last Energy considers the PWR-20 LWA a qualifying advanced nuclear reactor application under 10 CFR 170.3 and therefore subject to the reduced hourly rate in 10 CFR 170.20(b).

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Questions regarding this application should be directed to Adam Lenarz, Vice President of Licensing and Development, at alenarz@lastenergy.com or (737) 408-5991.

By: 

(Signature)

Name: Adam Lenarz

(Printed Name)

Title: VP, Development & Licensing

Date: 2026-10-20

I declare under penalty of perjury that the foregoing is true and correct.

cc: Allen Fetter, Senior Project Manager, U.S. Nuclear Regulatory Commission

Audit trail

Details

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Activity

SENT	kzabava@lastenergy.com **sent** a signature request to: • Maximillian Barron (mbarron@lastenergy.com) • Adam Lenarz (alenarz@lastenergy.com)	2026/10/20 17:35:37 UTC
SIGNED	**Signed** by Maximillian Barron (mbarron@lastenergy.com)	2026/10/20 17:38:15 UTC
SIGNED	**Signed** by Adam Lenarz (alenarz@lastenergy.com)	2026/10/20 18:24:52 UTC
COMPLETED	This document has been signed by all signers and is **complete**	2026/10/20 18:24:52 UTC

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