

**PREAPPLICATION READINESS ASSESSMENT – AALO HOLDINGS, INC. EARLY SITE
PERMIT APPLICATION (EPID: L-2026-LRM-0135)**

APPLICANT INFORMATION

Applicant: Aalo Holdings, Inc.

Applicant Address: 2025 Guadalupe Street
Suite 260
Austin, TX 78705-5642

Plant Name: Texas A&M, RELLIS Campus

Project No.: 99902180

BACKGROUND

By letter dated July 11, 2026 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML26190A374), Aalo Holdings, Inc. (Aalo) communicated its intention to submit an early site permit (ESP) application under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 53, “Risk-Informed, Technology-Inclusive Regulatory Framework For Commercial Nuclear Plants”, at Texas A&M University, RELLIS Campus, in Bryan, Texas.

On September 24, 2026, Aalo requested a limited-scope readiness assessment of the environmental report (ER) associated with the ESP (ML26268A000).

PURPOSE

The U.S. Nuclear Regulatory Commission (NRC) staff will perform a limited-scope readiness assessment of Aalo’s forthcoming ESP application at Texas A&M RELLIS Campus, which will allow the NRC staff to:

- Refine resources needed to complete the ESP application review;
- Identify major technical or policy issues within the scope of the assessment that could adversely impact the acceptance and docketing of the ESP application for detailed technical review;
- Become familiar with the aspects of the draft ESP application included within the scope of the assessment; and
- Identify information gaps between portions of the draft ESP application within the scope of the assessment and relevant regulatory requirements.

REGULATORY BASIS

The regulatory basis for the environmental portion of the readiness assessment is the applicable requirements of 10 CFR Part 51, “Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions.”

READINESS ASSESSMENT SCOPE AND SCHEDULE

Aalo requested that the NRC staff begin the limited scope readiness assessment on October 15, 2026, and conduct it in accordance with the Office of Nuclear Reactor Regulation office instruction LIC-116, "Preapplication Readiness Assessment," (ML20104B698).

The limited-scope readiness assessment will include the ER portion of the application and is expected to last approximately four weeks. During the entrance meeting Aalo will describe the relevant material that will be assessed by the NRC staff. Aalo stated in its letter that it will provide the entire content of the ER in a phased manner during the readiness assessment.

A subsequent readiness assessment for the remaining aspects of the ESP application will be performed upon Aalo's request.

LOCATION

The readiness assessment will be conducted virtually using an online reference portal, and Microsoft Teams.

READINESS ASSESSMENT TEAM

The following table identifies the NRC staff assigned to each readiness assessment area:

Application Review Area	NRC Reviewers
Environmental Report: - Anticipated weekly submittals until assessment is complete	William Burris

LOGISTICS

The NRC staff plans to conduct the limited-scope readiness assessment leveraging Aalo's online reference portal. An entrance meeting to discuss the readiness assessment logistics will be conducted on or before October 15, 2026. Following this entrance meeting, the NRC staff will schedule debriefs with Aalo to discuss the NRC staff's observations. The NRC staff will conduct an exit meeting at the completion of the readiness assessment.

CONDUCT OF THE READINESS ASSESSMENT

The limited scope readiness assessment will be conducted by NRC reviewers or contractors who are technical experts in their assigned review areas. The NRC readiness assessment team will conduct an assessment that includes the following attributes:

- The NRC staff will control the attendance and will specify time charge codes for technical reviewers;
- The NRC staff will conduct the limited scope readiness assessment in a manner that is consistent with LIC-116 and by consulting relevant technical guidance;

- The NRC staff will implement real-time problem or issue identification; and
- The NRC staff will facilitate discussions on the assessment's progress, and debriefs between NRC and Aalo's management, as necessary.

COMMUNICATING READINESS ASSESSMENT OBSERVATIONS

The NRC staff will share any technical concerns or major information gaps with Aalo as soon as practicable. Additionally, within 45 calendar days after the completion of the limited scope readiness assessment, the NRC staff will issue a publicly available report that summarizes the NRC staff's observations and feedback.

If it is necessary to include proprietary information in the readiness assessment report, the NRC staff will issue proprietary and non-proprietary versions. The NRC staff will take into consideration the results of the limited scope readiness assessment and how Aalo addressed the NRC staff's feedback when developing the resource and schedule estimates for the review of the ESP application.

REFERENCES

Title 10 of the *Code of Federal Regulations*, including 10 CFR Part 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," and 10 CFR Part 53, "Risk-Informed, Technology-Inclusive Regulatory Framework for Commercial Nuclear Plants"

NUREG-1555, "Standard Review Plans for Environmental Reviews for Nuclear Power Plants: Environmental Standard Review Plan for New Site/Plant Applications"

NRR Office Instruction LIC-116, "Preapplication Readiness Assessment," July 2020 (ML20104B698)

Regulatory Guide 4.2, "Preparation of Environmental Reports for Nuclear Power Stations"