From:	Adrian Muniz
To:	Maggie Staiger
Subject:	Completeness Determination- GOTHIC and Flownex Analysis Codes Qualification Topical Report
Date:	Thursday, November 2, 2023 3:02:00 PM
Attachments:	NRC Form 898 Topical Report Completeness Determination - GOTHIC and Flownex Qualification.pdf

## Maggie,

Attached is the U.S. Nuclear Regulatory Commission (NRC) staff completeness determination for X-energy's topical report titled "Xe-100 Licensing Topical Report GOTHIC and Flownex Analysis Codes Qualification, Revision 1". Based on a preliminary review of the report, the NRC staff determined that it does not provide sufficient information for the NRC staff to begin a detailed technical review. However, the NRC staff noted that the information necessary to support a detailed evaluation appears to be contained in the material referenced by X-energy within the topical report. Therefore, and as discussed on October 27, X-energy may supplement its topical report to provide this additional information within 60 days from the date of this communication for the NRC staff to reconsider its completeness determination of the topical report.

Regards,

Adrian Muñiz, Senior Project Manager Advanced Reactor Licensing Branch 2 (UAL2) Division of Advanced Reactors and Non-Power Production and Utilization Facilities (DANU)