



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

November 22, 2019

APPLICANT: ATOMIC ALCHEMY, INC

SUBJECT: SUMMARY OF OCTOBER 28, 2019, MEETING WITH ATOMIC ALCHEMY, INC (EPID NO. L-2019-NEW-0006)

On October 28, 2019, the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Atomic Alchemy, Inc. (Atomic Alchemy), held a partially-closed meeting at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the ongoing development and design of Atomic Alchemy's proposed radioisotope production project. The meeting notice and agenda, dated October 18, 2019, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML19291A447. Additional information related to Atomic Alchemy's intent to submit an application to construct and operate a non-power production and utilization facility is available in ADAMS at Accession No. ML19323F758. A list of meeting attendees is provided as an enclosure to this summary.

Atomic Alchemy presented an overview of its company and the technology to be used in its utilization and production facility. The presentation covered design, siting, construction, commissioning, operation, and waste management. Atomic Alchemy also discussed the licensing process, plans for engaging with the NRC staff on several additional topics, and the project schedule. Atomic Alchemy plans to submit a formal regulatory engagement plan and request additional pre-application meetings to discuss its licensing approach with the NRC staff.

Please direct any inquiries to me at 301-415-2313 or [William.Kennedy@nrc.gov](mailto:William.Kennedy@nrc.gov).

William B. Kennedy, Project Manager /RA/  
Non-Power Production and Utilization Facility  
Licensing Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

Project/Docket No. 99902080

Enclosure:  
As stated

cc: w/enclosure:

Mr. Thomas Eiden, CEO/Founder  
Atomic Alchemy, Inc.  
855 North Capital Avenue, Suite 3  
Idaho Falls, ID 83402

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**ADAMS Accession Nos.: ML19303C197 Package**

**ML19291A447 Meeting Notice**

**ML19325C207 Meeting Summary \*concurrence via e-mail NRC-001**

OFFICE	NRR/DANU/UNPL/PM *	NRR/DANU/UNPL/LA*	NRR/DANU/UNPL/BC *
NAME	WKennedy	NParker	GCasto
DATE	11/21/19	11/21/19	11/22/19

**OFFICIAL RECORD COPY**

## LIST OF ATTENDEES

OCTOBER 28, 2019, MEETING WITH ATOMIC ALCHEMY, INC.

2:00 P.M. - 5:00 P.M.

<u>Name</u>	<u>Organization</u>
William Kennedy	U.S. Nuclear Regulatory Commission
Linh Tran	U.S. Nuclear Regulatory Commission
Molly-Kate Gavello	U.S. Nuclear Regulatory Commission
Brian Smith	U.S. Nuclear Regulatory Commission
Greg Casto	U.S. Nuclear Regulatory Commission
Theresa LaLain	U.S. Nuclear Regulatory Commission
Alexander Adams, Jr.	U.S. Nuclear Regulatory Commission
Jo Jacobs	U.S. Nuclear Regulatory Commission
Mitzi Young	U.S. Nuclear Regulatory Commission
William Blaney	U.S. Nuclear Regulatory Commission
David Tiktinsky	U.S. Nuclear Regulatory Commission
Anthony Rossi	U.S. Nuclear Regulatory Commission
Steven Lynch	U.S. Nuclear Regulatory Commission
Michael Balazik	U.S. Nuclear Regulatory Commission
Geoffrey Wertz	U.S. Nuclear Regulatory Commission
Thomas Eiden	Atomic Alchemy, Inc.
Jordan Hill	Atomic Alchemy, Inc.
Phil Oliver	Atomic Alchemy, Inc.
John Peterson	Atomic Alchemy, Inc.
Joshua Parker	Framatome
Eliza Calvatone	Framatome

Enclosure