



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

November 3, 2021

MEMORANDUM TO: William Kennedy, Acting Branch Chief  
Advanced Reactor Licensing Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

FROM: Samuel Cuadrado, Project Manager  
Advanced Reactor Licensing Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

A handwritten signature in black ink, appearing to read "S. Cuadrado".

Signed by Cuadrado de Jesus, S  
on 11/03/21

SUBJECT: SUMMARY OF THE FEBRUARY 5, 2021, PUBLIC MEETING  
TO DISCUSS KAIROS POWER LLC'S QUALITY  
ASSURANCE PROGRAM TOPICAL REPORT  
CLARIFICATION QUESTIONS SET 3

On February 5, 2021, (Agencywide Documents Access and Management System (ADAMS) under Accession No. ML21026A326), the U.S. Nuclear Regulatory Commission (NRC) staff held a virtual Category 1 public meeting with Kairos Power LLC (Kairos) using the Microsoft Teams platform. The purpose of the meeting was to discuss the third set of NRC's clarification questions regarding Kairos' Quality Assurance (QA) Program topical report (TR). The list of attendees is provided as an enclosure to this document.

The NRC's clarification questions can be found in ADAMS under Accession No. ML21025A053. The NRC's third set of clarification questions had five questions that were shared with Kairos via email on January 15, 2021, prior to the public meeting.

Kairos clarified that the reference in Part V, "Additional Quality Assurance and Administrative Controls for the Plant Operational Phase," Section 3, "Operational Phase Procedures," of the TR to Appendix A of Regulatory Guide (RG) 1.33, "Quality Assurance Program Requirements (Operations)," was a typographical error that will be corrected when Kairos submits its revision to the QA TR. Kairos stated that it has committed to RG 1.33, which endorses American National Standard Institute/American Nuclear Society (ANSI/ANS) 3.2-2012, "Managerial Administrative, and Quality Assurance Controls for Operational Phase of Nuclear Power Plants," and therefore, addresses the provisions in Section 3.6, "Document Control," of ANSI/ANS 3.2-2012.

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Kairos stated that it plans to commit to the International Standard Organization standard 17025:2017, "General Requirements for the Competence of Testing and Calibration Laboratories." Kairos also stated that its TR has a typographical error on the third paragraph of Part II, "Quality Assurance Program Description Details," Section 18.1, "Performance of Audits," and that it will correct this in an upcoming revision to the QA TR. Regarding whether Kairos commits or takes exception to Generic Letter (GL) 89-02, "Actions to Improve the Detection of Counterfeit and Fraudulently Marked Products," and GL 91-05, "Licensee Commercial-Grade Dedication Programs," with respect to its QA TR, Kairos stated that it needed time to further discuss this topic internally.

Project No. 99902069

Enclosure:  
List of Attendee

SUBJECT: SUMMARY OF THE FEBRUARY 5, 2021, PUBLIC MEETING TO DISCUSS KAIROS POWER LLC'S QUALITY ASSURANCE PROGRAM TOPICAL REPORT  
CLARIFICATION QUESTIONS SET 3 DATED: NOVEMBER 3, 2021

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**NRR-106**

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<b>NAME</b>	SCuadrado	CSmith	WKennedy	SCuadrado
<b>DATE</b>	10/26/2021	11/2/2021	11/2/2021	11/3/2021

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SUMMARY OF THE FEBRUARY 5, 2021, PUBLIC MEETING TO DISCUSS KAIROS POWER LLC'S  
QUALITY ASSURANCE PROGRAM TOPICAL REPORT CLARIFICATION QUESTIONS SET 3

**List of Attendees**

<b><u>NAME</u></b>	<b><u>ORGANIZATION</u></b>
Darrell Gardner	Kairos Power LLC (Kairos)
John Price	Kairos
Samuel Cuadrado	U.S. Nuclear Regulatory Commission (NRC)
Kerri Kavanagh	NRC
Stu Magruder	NRC
Jonathan Ortega	NRC
Paul Prescott	NRC