

The Commission's related evaluation of the amendments is contained in a Safety Evaluation dated July 30, 2019.

No significant hazards consideration comments received: No.

Union Electric Company, Docket No. 50-483, Callaway Plant, Unit No. 1, Callaway County, Missouri

Date of amendment request: September 4, 2018, as supplemented by letter dated February 20, 2019.

Brief description of amendment: The amendment revised Emergency Action Levels CA6.1, "Cold Shutdown/Refueling System Malfunction—Hazardous event affecting a SAFETY SYSTEM needed for the current operating MODE: Alert," and SA9.1, "System Malfunction—Hazardous event affecting a SAFETY SYSTEM needed for the current operating MODE: Alert." In addition, the amendment added a new definition for the term "Loss of Safety Function (LOSF)" and re-definition of the term "Visible Damage" and deleted Initiating Condition HG1 and associated EAL HG1.1, "Hazard—HOSTILE ACTION resulting in loss of physical control of the facility: General Emergency," within the Callaway Plant, Unit No. 1 Radiological Emergency Response Plan.

Date of issuance: July 30, 2019.

Effective date: As of the date of issuance and shall be implemented within 90 days from the date of issuance.

Amendment No.: 220. A publicly-available version is in ADAMS under Accession No. ML19158A290; documents related to this amendment are listed in the Safety Evaluation enclosed with the amendment.

Renewed Facility Operating License No. NPF-30: The amendment revised the Renewed Facility Operating License.

Date of initial notice in Federal Register: December 4, 2018 (83 FR 62621). The supplement dated February 20, 2019, provided additional information that clarified the application, did not expand the scope of the application as originally noticed, and did not change the NRC staff's original proposed no significant hazards consideration determination as published in the **Federal Register**.

The Commission's related evaluation of the amendment is contained in a Safety Evaluation dated July 30, 2019.

No significant hazards consideration comments received: No.

Dated at Rockville, Maryland, this 23rd day of August, 2019.

For the Nuclear Regulatory Commission.

Gregory F. Suber,

Deputy Director, Division of Operating Reactor Licensing, Office of Nuclear Reactor Regulation.

[FR Doc. 2019-18617 Filed 8-28-19; 8:45 am]

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NUCLEAR REGULATORY COMMISSION

[Docket Nos. 72-1031, 72-44, 50-528, 50-529, and 50-530; NRC-2019-0161]

Arizona Public Service Company, Palo Verde Nuclear Generating Station, Independent Spent Fuel Storage Installation

AGENCY: Nuclear Regulatory Commission.

ACTION: Exemption; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is issuing an exemption in response to a request submitted by Arizona Public Service Company on July 5, 2019, for its general license to operate an independent spent fuel storage installation at the Palo Verde Nuclear Generating Station. This exemption would permit the Arizona Public Service Company to load spent fuel with a larger pellet diameter than is authorized in the MAGNASTOR® storage cask system in Certificate of Compliance No. 1031, Amendment No. 7.

DATES: The exemption was issued on August 23, 2019.

ADDRESSES: Please refer to Docket ID NRC-2019-0161 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- *Federal Rulemaking Website:* Go to <https://www.regulations.gov> and search for Docket ID NRC-2019-0161. Address questions about NRC docket IDs to Jennifer Borges; telephone: 301-287-9127; email: Jennifer.Borges@nrc.gov.

For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to pdr.resource@nrc.gov.

nrc.gov. The ADAMS accession number for each document referenced in this document (if that document is available in ADAMS) is provided the first time that a document is referenced.

- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

FOR FURTHER INFORMATION CONTACT: Bernard White, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001; telephone: 301-415-6577; email: Bernard.White@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Background

Palo Verde Nuclear Generating Station began operation in 1986 and has been storing pressurized-water reactor spent fuel in its independent spent fuel storage installation since March 2003 utilizing Certificate of Compliance No. 1015 for the NAC-UMS storage system. For the loading campaign commencing in August 2019, Arizona Public Service Company is transitioning to the MAGNASTOR® storage system, Certificate of Compliance No. 1031, Amendment No. 7 (ADAMS Package Accession No. ML17013A466). The majority of the spent fuel assemblies to be loaded in the upcoming loading campaign have pellets with a maximum diameter of 0.3255 inches (0.8268 centimeters). While the NAC-UMS system was approved for this pellet diameter in Amendment No. 2 to CoC No. 1015 (ADAMS Package Accession No. ML020250546), the MAGNASTOR® storage system is approved for the nominal pellet diameter of 0.325 inches (0.8255 centimeters), thereby precluding some of the spent fuel at the Palo Verde Nuclear Generating Station from being loaded in the upcoming loading campaign.

II. Request/Action

By application dated July 5, 2019 (ADAMS Accession No. ML19186A449), Arizona Public Service Company submitted a request for an exemption from those provisions of title 10 of the *Code of Federal Regulations* (10 CFR) 72.212(a)(2), 72.212(b)(3), 72.212(b)(5)(i), 72.212(b)(11), and 72.214 that require compliance with the terms, conditions, and specifications of Certificate of Compliance No. 1031, Amendment No. 7, for the Palo Verde Nuclear Generating Station to load spent fuel with a maximum pellet diameter of 0.3255 inches (0.8268 centimeters), utilizing Amendment No. 7 for the NAC

International MAGNASTOR® storage system.

III. Discussion

Pursuant to 10 CFR 72.7, the Commission may, upon application by any interested person or upon its own initiative, grant such exemptions from the requirements of the regulations of 10 CFR part 72 as it determines are authorized by law and will not endanger life or property or the common defense and security, and are otherwise in the public interest.

The NRC staff prepared a safety evaluation report (ADAMS Accession No. ML19213A033) to document the safety evaluation of the proposed action (*i.e.*, exemption to authorize loading spent fuel with a maximum pellet diameter of 0.3255 inches (0.8268 centimeters)), to assure that the exemption is authorized by law, will protect life or property or the common defense and security and are otherwise in the public interest. As summarized in this document, the NRC's safety review concludes that the requested exemption meets the requirements for issuance in 10 CFR 72.7.

A. The Exemption is Authorized by Law

This exemption would permit the Palo Verde Nuclear Generating Station to load spent fuel with a larger pellet diameter than authorized in Certificate of Compliance No. 1031, Amendment No. 7.

Section 72.7 allows the Commission to grant exemptions from the requirements of 10 CFR part 72 if the exemption is authorized by law and will not endanger life or property nor the common defense and security. Issuance of this exemption is consistent with the Atomic Energy Act of 1954, as amended, and not otherwise inconsistent with NRC's regulations or other applicable laws. Therefore, issuance of the exemption is authorized by law.

B. Will Not Endanger Life or Property or the Common Defense and Security

As discussed in the safety evaluation report and summarized in the following sections, the NRC staff has found that Arizona Public Service Company's proposed action is acceptable and will not endanger life or property or the common defense and security.

Safety Review of the Requested Exemption

The staff reviewed the exemption request for Palo Verde Nuclear Generating Station and concludes, as discussed in this document, that the proposed exemption from certain requirements of 10 CFR part 72 will not

cause the MAGNASTOR® storage cask to encounter conditions beyond those for which it has been evaluated and demonstrated to meet the applicable safety requirements in 10 CFR part 72. As explained in this document, the staff's evaluation includes only the criticality safety area of review, since it is the only technical area revised by this exemption.

The licensee submitted an exemption request to deviate from the maximum pellet diameter for Combustion Engineering 16x16 fuel, stored in the NAC MAGNASTOR® dry storage system. The licensee stated that NAC International evaluated a pellet diameter of 0.3255 inches (0.8268 centimeters) in the MAGNASTOR® final safety analysis report (ADAMS Accession No. ML091030364), to determine the effect of an upper manufacturing tolerance of 0.0005 inches (0.0013 centimeters) applied to the nominal value of 0.3250 inches (0.8255 centimeters). In that final safety analysis report, NAC International determined that the system k-effective with this larger diameter pellet is statistically the same as the system k-effective with the nominal pellet diameter. Therefore, Arizona Public Service Company stated that its proposed exemption has no effect on the criticality safety of the MAGNASTOR® storage system.

The staff reviewed the final safety analysis report and agrees that the proposed change to the pellet diameter will not result in changes to system k-effective that are statistically significant. The staff also agrees that the results of the NAC International criticality analysis, and with the licensee's conclusion that this proposed exemption does not affect the ability of the MAGNASTOR® system to meet the criticality safety requirements of 10 CFR part 72.

Based on these evaluations, the staff has concluded that granting this exemption will be consistent with the requirements of 10 CFR part 72 and will not endanger life or property.

Review of Common Defense and Security: Modification of the pellet diameter does not affect the independent spent fuel storage installation security plans. Accordingly, the Palo Verde Nuclear Generating Station independent spent fuel storage installation will continue to be physically protected under Arizona Public Service Company's independent spent fuel storage installation Physical Security Plan to the same level of security.

Based on its review, the NRC staff has determined that under the requested exemption, the storage system will

continue to meet the safety requirements of 10 CFR part 72 and the offsite dose limits of 10 CFR part 20 and, therefore, will not endanger life or property. The NRC staff also found that the exemption would not endanger common defense and security.

D. Otherwise in the Public Interest

In determining whether the exemption is in the public interest, the staff considered the no-action alternative of denying the exemption request. Denial of the exemption request would cause Arizona Public Service Company to postpone loading of spent fuel that contains the larger pellet diameter until it is approved in an amendment for CoC No. 1031 or alternative loading arrangements are implemented.

The licensee stated that the proposed exemption is in the public interest because it would allow Arizona Public Service Company to load spent fuel on schedule, maintain full-core offload capability and would not affect power plant operations or refueling outages for the three units at the Palo Verde Nuclear Generating Station.

E. Environmental Considerations

The NRC staff also considered whether there would be any significant environmental impacts associated with the exemption. For this proposed action, the NRC staff performed an environmental assessment pursuant to 10 CFR 51.30. The environmental assessment concluded that the proposed action would not significantly impact the quality of the human environment. The NRC staff concluded that the proposed action would not result in any changes in the types or amounts of any radiological or non-radiological effluents that may be released offsite, and there is no significant increase in occupational or public radiation exposure because of the proposed action. The environmental assessment and the finding of no significant impact was published on August 23, 2019 (84 FR 44339).

IV. Conclusion

Accordingly, the Commission has determined that, pursuant to 10 CFR 72.7, this exemption is authorized by law, will not endanger life or property or the common defense and security, and is otherwise in the public interest. Therefore, the Commission hereby grants Arizona Public Service Company an exemption from those provisions of 10 CFR 72.212(a)(2), 10 CFR 72.212(b)(3), 10 CFR 72.212(b)(5)(i), 10 CFR 72.214, and the portion of 10 CFR 72.212(b)(11) that require compliance

with terms, conditions, and specifications of the Certificate of Compliance No. 1031, Amendment No. 7, for the Palo Verde Nuclear Generating Station to load spent fuel with a maximum pellet diameter of 0.3255 inches (0.8268 centimeters) in the MAGNASTOR® storage system using Certificate of Compliance No. 1031, Amendment No. 7.

The exemption is effective upon issuance.

Dated at Rockville, Maryland, this 23rd day of August, 2019.

For the Nuclear Regulatory Commission.

John B. McKirgan,

Chief, Spent Fuel Licensing Branch, Division of Spent Fuel Management, Office of Nuclear Material Safety and Safeguards.

[FR Doc. 2019-18616 Filed 8-28-19; 8:45 am]

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NUCLEAR REGULATORY COMMISSION

[Docket No. 03039133; NRC-2019-0166]

Order Suspending License; APINDE Inc.

AGENCY: Nuclear Regulatory Commission.

ACTION: Order; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is issuing an Order suspending the license of APINDE Inc. (APINDE) located in Huntington, West Virginia. The NRC has determined that this action is necessary based on an ongoing review of the circumstances through which APINDE obtained and subsequently used its NRC license for industrial radiography. Specifically, the NRC has determined that APINDE submitted inaccurate information in its initial license application pertaining to the qualifications for an individual proposed to be the Radiation Safety Officer (RSO). This resulted in the NRC issuing a license to the company that was, in part, based on the inaccurate information and in APINDE maintaining an industrial radiography license without a qualified RSO. Further, after the initial RSO resigned, and APINDE submitted an application to amend the license and name a new RSO, the company submitted inaccurate information pertaining to that individual. Moreover, the NRC has information indicating that APINDE used its NRC license to procure a sealed radiography source, and may have allowed unauthorized access to the source.

As a result, the NRC has lost assurance that APINDE can conduct the

activities authorized under its license in compliance with NRC regulations and will protect the health and safety of the public. In accordance with the Order, APINDE must immediately cease all radiographic operations and return any byproduct material possessed under the license to locked, safe storage. APINDE shall not receive any NRC-licensed material while the Order is in effect. APINDE must respond to the Order within 20 days and specifically admit or deny each allegation or charge.

DATES: This Order takes effect immediately.

ADDRESSES: Please refer to Docket ID NRC-2019-0166 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- *Federal Rulemaking website:* Go to <https://www.regulations.gov/> and search for Docket ID NRC-2019-0166. Address questions about NRC docket IDs in *Regulations.gov* to Jennifer Borges; telephone: 301-287-9127; email: Jennifer.Borges@nrc.gov. For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.
- *NRC's Agencywide Documents Access and Management System (ADAMS):* You may obtain publicly-available documents online in the ADAMS Public Documents collection at <https://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to pdr.resource@nrc.gov. The Order is available in ADAMS under Accession No. ML19234A068.
- *NRC's PDR:* You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

FOR FURTHER INFORMATION CONTACT: Anne DeFrancisco, Division of Nuclear Materials Safety, U.S. Nuclear Regulatory Commission, Region I, 2100 Renaissance Blvd., Suite 100, King of Prussia, PA 19406; telephone: 610-337-5078, email: Anne.DeFrancisco@nrc.gov.

SUPPLEMENTARY INFORMATION: The text of the Order is attached.

Dated at Rockville, Maryland, this 26th day of August, 2019.

For the Nuclear Regulatory Commission.

George A. Wilson,

Director, Office of Enforcement.

Attachment—Order Suspending License

United States of America Nuclear Regulatory Commission

In the Matter of

Docket No. 03039133

APINDE Inc.

License No. 47-35507-01

Huntington, West Virginia

EA-19-090

Order Suspending License (Effective Immediately)

I

APINDE Inc. (Licensee or APINDE) is the holder of Byproduct Material License No. 47-35507-01 issued on January 9, 2019, by the U.S. Nuclear Regulatory Commission (NRC or Commission) pursuant to Part 30 of *Title 10 of the Code of Federal Regulations* (10 CFR). The license authorizes possession and use of iridium-192 in sealed sources for use in industrial radiography operations and depleted uranium for use as shielding. The Licensee is located in Huntington, West Virginia, but the license also authorizes the company to perform work at temporary jobsites in all areas within NRC jurisdiction. The license, originally issued on January 9, 2019, is due to expire on January 31, 2034.

II

As a result of a current and ongoing review of APINDE's licensed activities, the NRC identified that information submitted by APINDE in the license application and in a subsequent license amendment request, was not complete and accurate in all material respects, which is an apparent violation of regulatory requirements. Specifically, in an initial license application dated October 10, 2018 (ML18297A261; nonpublic because it contains security-related information),¹ and in a related correspondence dated November 26, 2018 (ML18347A473; nonpublic because it contains security-related information), APINDE submitted inaccurate information about the qualifications for an individual proposed to be named on the license as the radiation safety officer (RSO). This resulted in the NRC issuing a license to APINDE that was based on inaccurate

¹ Designation in parentheses refers to an Agencywide Documents Access and Management System (ADAMS) accession number. Unless otherwise noted, documents referenced in this letter are publicly-available using the accession number in ADAMS.