

**SAFETY EVALUATION REPORT
PROPOSED CHANGE OF CONTROL FOR NRC BYPRODUCT MATERIALS LICENSE
NUMBER 06-15099-01, CANBERRA INDUSTRIES, INC.**

DATE: May 25, 2016

DOCKET NO.: 030-008562

LICENSE NO.: 06-15099-01

LICENSEE: Canberra Industries, Inc.
800 Research Parkway, Meriden, Connecticut 06450

TECHNICAL REVIEWER: Dennis Lawyer

SUMMARY AND CONCLUSIONS

Under NRC Materials License 06-15099-01, Canberra Industries, Inc. is authorized to possess and use byproduct, source, and special nuclear material for purposes of research and development, distribution of material to authorized recipients, calibration and testing of their own equipment, and calibration and servicing of customer's equipment at their facility and at temporary job sites in the NRC's areas of regulatory jurisdiction.

By letter dated April 7, 2016, Agencywide Documents Access and Management System (ADAMS) Accession Number ML16106A299, Canberra Industries, Inc. (Canberra) requested the NRC's consent to an indirect transfer of control of the above license. Currently, Canberra is a wholly-owned subsidiary of AREVA Inc. AREVA Inc. is a wholly-owned subsidiary of AREVA NP (SA). AREVA NP (SA) is wholly-owned by AREVA (SA). AREVA (SA) and AREVA NC (SA) (another subsidiary of AREVA (SA)) has entered into a stock purchase agreement with Mirion Technologies, Inc. (Mirion) where Mirion will purchase 100% of the outstanding shares of Canberra.

The request for consent was reviewed by NRC staff for an indirect change of control of a 10 CFR Part 30 license using the guidance in NUREG-1556, Volume 15, "Consolidated Guidance About Materials Licenses - Guidance About Changes of Control and About Bankruptcy Involving Byproduct, Source, or Special Nuclear Materials Licenses," dated November 2000. The NRC staff finds that the information submitted by Canberra sufficiently describes and documents the transaction and commitments made by Canberra.

As required by 10 CFR 30.34, 40.41, and 70.32 and section 184 of the Atomic Energy Act of 1954, as amended (the Act), NRC staff has reviewed the application and finds that the proposed change in control is in accordance with the Act. The staff finds that, after the change of control, Canberra will remain qualified to use byproduct material for the purpose requested, and will continue to have the equipment, facilities, and procedures needed to protect public health and safety, and promote the security of licensed material.

SAFETY AND SECURITY REVIEW

According to the NRC's Licensing Tracking System (LTS), Canberra has been an NRC licensee since March 25, 1985. The NRC conducted a main office inspection of Canberra on September

1, 2015, for NRC Materials License No. 06-15099-01 and no violations were identified during the inspection. The commitments made by Canberra state that under the proposed transaction there are no plans to change:

- A. the radiation safety officer listed in the NRC licenses;
- B. the personnel involved in licensed activities;
- C. the locations, facilities, and equipment authorized in the NRC licenses;
- D. the radiation safety program authorized in the NRC licenses;
- E. the organization's name listed in the NRC licenses; or
- F. the maintenance of required surveillance records and decommissioning records.

Mirion, the proposed new parent company for Canberra, holds subsidiaries which possess material licenses issued by the following Agreement States: California, New York, and Georgia. These Agreement State licenses authorize the calibration of instruments. Therefore, for security purposes, Mirion is considered a known entity following the guidance provided by the NRC's Office of Federal and State Materials and Environmental Management Programs (FSME) "Checklist to provide a basis for confidence that radioactive materials will be used as specified on the license," September 3, 2008, revision. The purpose of this aspect of the review is for the NRC to obtain reasonable assurance from new license applicants or NRC licensees transferring control of licensed activities that the licensed material will be used for its intended purpose and not for malevolent use, which Miron's qualification as a known entity provides.

Canberra is not required to have decommissioning financial assurance based on the types and amount of material authorized in NRC Materials License No. 06-15099-01.

REGULATORY FRAMEWORK

Section 184 of the Atomic Energy Act of 1954, as amended, prohibits the transfer of control of any license unless the Commission finds that the transfer is in accordance with the Act and consents to the transfer in writing.

Canberra's NRC Materials License No. 06-15099-01, was issued under 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material."

10 CFR 30.34(b) states: "No license issued or granted pursuant to the regulations in this part and parts 31 through 36, and 39 nor any right under a license shall be transferred, assigned or in any manner disposed of, either voluntarily or involuntarily, directly or indirectly, through transfer of control of any license to any person, unless the Commission shall, after securing full information, find that the transfer is in accordance with the provisions of the Act and shall give its consent in writing."

As previously indicated, the staff evaluation is based on guidance in NUREG-1556, Volume 15. As discussed in NUREG-1556, Volume 15, NRC is generally using the term "change of control" rather than the statutory term "transfer" to describe the variety of events that could require prior

notification and written consent of the NRC. The central issue is whether the authority over the license has changed. Canberra's request for consent describes an indirect change of control of the NRC licenses held by Canberra, resulting from a planned stock sale between AREVA (SA), AREVA NC (SA) and Mirion Technologies (Global) Ltd. Following the completion of the merger, Canberra Industries Inc. will become a direct subsidiary of Mirion Technologies (Global) Ltd. and will no longer be affiliated with its former parent AREVA Inc., as such, the transfer requires NRC consent.

DESCRIPTION OF TRANSACTION

The transaction is described in the transfer application at ADAMS accession numbers ML16106A299 and ML16124A768. After completion of the merger, Canberra Industries, Inc. will continue as the licensee and remain in control of all licensed activities under NRC Materials License No. 06-15099-01. As discussed above, the NRC staff finds that the request for consent adequately provides a complete and clear description of the transaction, and is consistent with the guidance provided in Appendix F of NUREG-1556, Volume 15.

TRANSFEREE'S COMMITMENT TO ABIDE BY THE TRANSFEROR'S COMMITMENTS

The NRC staff finds that the information submitted by Canberra sufficiently describes and documents the commitments made by Mirion Technologies Inc., and is consistent with the guidance in NUREG-1556, Volume 15.

ENVIRONMENTAL REVIEW

An environmental assessment for this action is not required since this action is categorically excluded under 10 CFR 51.22(c)(21).

CONCLUSION

The NRC staff has reviewed the request for consent submitted by Canberra with regard to an indirect change of control of NRC Materials License No. 06-15099-01 pursuant to 10 CFR 30.34(b), consents to the proposed indirect transfer of control.

The submitted information sufficiently describes the transaction; documents the understanding of the licenses and commitments; demonstrates that personnel have the experience and training to properly implement and maintain the license and that they will maintain the existing records; and, that in the future, the licensee and its parent companies will abide by all existing commitments in the license, consistent with the guidance in NUREG-1556, Volume 15.

Therefore, the staff concludes that the proposed change in control would not alter the previous findings, made under 10 CFR Part 30, that licensed operations will not be inimical to the common defense and security, or to the health and safety of the public.