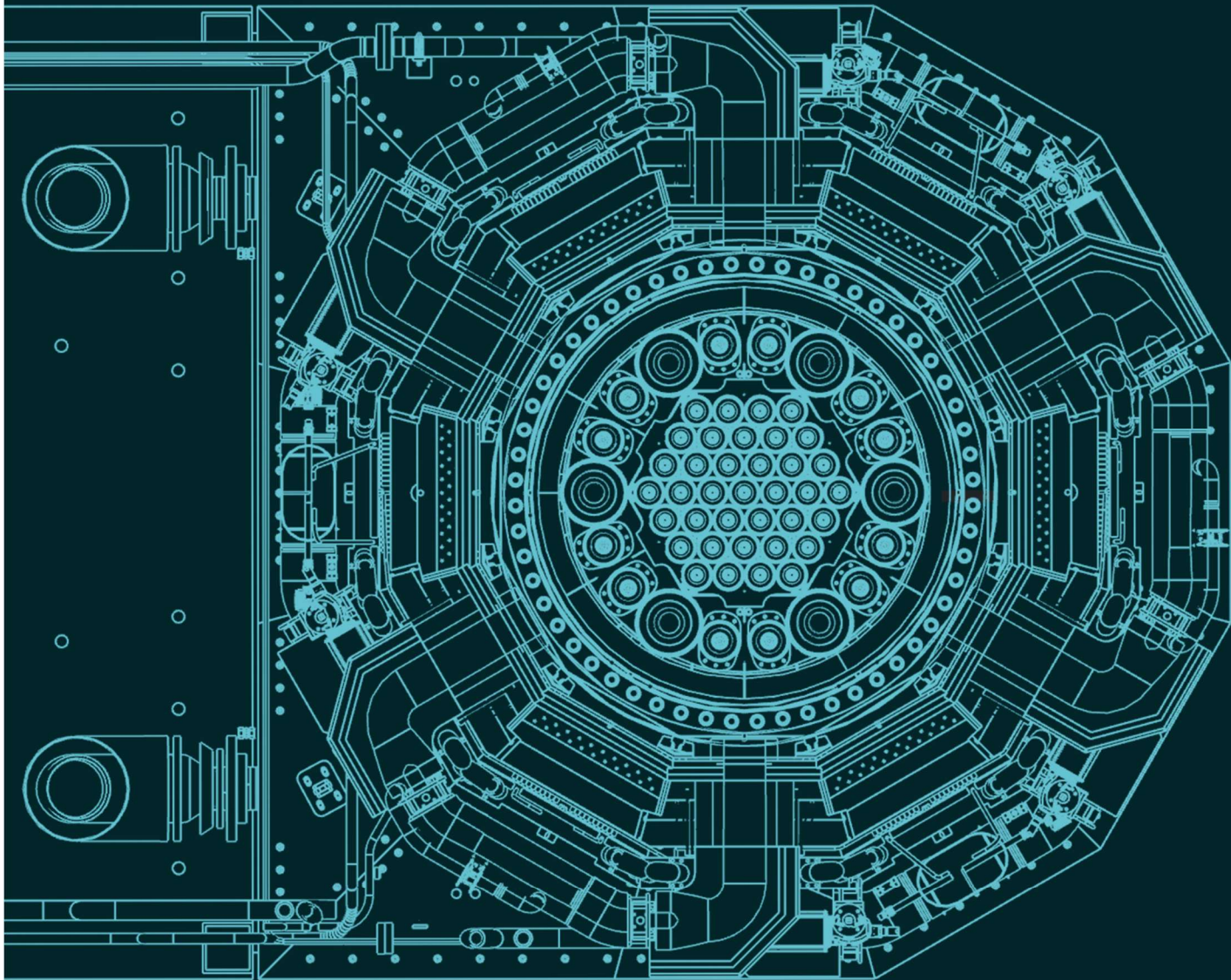


# 10 CFR Part 70 Application for a Specific License

Enclosure 1 - Affidavit for Withholding Proprietary Information



*Domestic Licensing of Special Nuclear Material*

70-7045 and 999-2106

June 2026

I, Dr. Rita Baranwal, Chief Nuclear Officer, Radiant Industries LLC (Radiant) do hereby affirm and state:

1. I am authorized to execute this affidavit on behalf of Radiant. I am further authorized to review information submitted to, or discussed with, the U.S. Nuclear Regulatory Commission (NRC) and apply for the withholding of information from disclosure. The purpose of this affidavit is to provide the information required by Title 10 of the Code of Federal Regulations (10 CFR) 2.390(b) in support of Radiant's request for withholding information submitted in Enclosure 4 Radiant's letter dated June 24, 2026, providing Radiant's responses to the NRC's first request for additional information.
2. I have knowledge of the criteria used by Radiant in designating information as sensitive, proprietary, confidential, and export controlled.
3. Pursuant to the provision of 10 CFR 2.390(b)(4), Radiant provides Enclosure 4 for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
  - a. Radiant owns the information in Enclosure 4 which it seeks to be withheld from public disclosure. This information was prepared with the explicit understanding that the information itself would be treated as proprietary information and has been held in confidence by Radiant.
  - b. The information sought to be protected in Enclosure 4 is not publicly available.
  - c. The information contained in Enclosure 4 is of the type that is customarily held in confidence by Radiant. The information that Radiant requests to be withheld from public disclosure includes information about potential archeological sites on Radiant property at R-50. This information is normally held in confidence by the Tennessee State Historic Preservation Office.
  - d. Public disclosure of the information contained in Enclosure 4 would create substantial harm to Radiant because it would reveal information about potential archeological sites on Radiant property at R-50.
  - e. The Proprietary Information contained in Enclosure 4 is transmitted to the NRC in confidence and under the provisions of 10 CFR 2.390; it is to be received in confidence by the NRC. The information is properly marked for requesting withholding from public disclosure under 10 CFR 2.390.

I declare under the penalty of perjury that the foregoing is true and correct, executed on this 29<sup>th</sup> day of June 2026.

Sincerely,



Dr. Rita Baranwal  
Chief Nuclear Officer