

Regulatory Oversight Report for Uranium and Nuclear Substance Processing Facilities in Canada: 2016

Executive Summary

The operating performance of uranium and nuclear substance processing facilities regulated by the Canadian Nuclear Safety Commission (CNSC) is presented in this *Regulatory Oversight Report for Uranium and Nuclear Substance Processing Facilities in Canada: 2016*. The information in this report covers the 2016 calendar year and, when applicable, shows trends and compares information to previous years.

The report focuses on three safety and control areas (SCAs): radiation protection, environmental protection, and conventional health and safety. These three SCAs reflect the overall effectiveness of the implementation of licensee programs, and represent a good indication of the safety performance of the facilities discussed in this report. The report also highlights a discussion of public information programs, ratings for all 14 SCAs, reportable events, any significant facility modifications, and areas of increased regulatory focus.

For the 2016 calendar year, the performance of all uranium and nuclear substance processing facilities in all 14 SCAs was rated as “satisfactory” or better. Through regulatory oversight activities, CNSC staff confirmed that uranium and nuclear substance processing facilities in Canada continued to operate safely during 2016. Regulatory oversight activities included onsite inspections, review of reports submitted by licensees, event and incident reviews with follow-up, and general communication and exchanges of information with licensees.

CNSC staff’s compliance activities confirmed that:

- radiation protection programs at all facilities adequately controlled radiation exposures, keeping doses as low as reasonably achievable (ALARA)
- environmental protection programs at all facilities were effective in protecting the environment
- conventional health and safety programs at all facilities continue to protect workers
- other programs in support of remaining SCAs required to ensure the protection of the health and safety of workers, the public and the environment continue to be effectively implemented

CNSC staff conclude that in 2016, each of the regulated facilities discussed in this report made adequate provision for the health and safety of workers, the protection of the public and the environment, and Canada’s international obligations.

The full report and the documents referenced in it are available to the public upon request.