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## **Application of Nuclear Waste Management and Remediation Experience and Lessons Learned**

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### ***Applying Successful Global Programs to the International Nuclear Decommissioning Market***

CH2M has successfully managed waste management, remediation and nuclear decommissioning programs incorporating both innovations and lessons learned that have broad applicability to upcoming major decommissioning programs throughout Australia and globally.

This abstract presents an international perspective, from CH2M, on the importance of establishing an integrated waste management strategy with the decommissioning program to better support the waste generating projects in minimizing the amount of waste generated and more effectively comply with regulatory waste acceptance criteria. The overall success of a nuclear decommissioning program can be dependent on accurate waste volume projection; waste disposal pathway identification and integration; waste treatment options identification; waste characterization, treatment, packaging and transportation; and waste disposal (including low-level disposal cell operations). An integrated Waste Management Strategy is integrated with the decommissioning and demolition activities; nuclear material management and disposition; waste retrieval, treatment and disposal; and environmental remediation activities.

### **Summary**

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