



Appendix A to the Administrative Protocol for the Near Surface Disposal Facility Project at Chalk River Laboratories

(Appendix A, Revision 1 – December 2016)



Summary of changes

Section	Change	Date
Appendix A, Table 1	Revision of dates for Group 1 draft EIS submissions	December 2016
Appendix A, Table 2	Addition of the 'Safety Analysis Report – Revision D2' under the heading 'Safety Analysis'	December 2016

Appendix A, Revision 1 – December 2016

Table 1 outlines a detailed schedule of deliverables for environmental assessment-related activities.

Table 1: Deliverable schedule for activities related to the environmental assessment

Milestone	Deliverable/activity	Lead	Service standard (business days)	Submission date of revision 0 to CNSC staff / date of milestone
Initiation of environmental assessment (EA)	Submission of project description Provision of regulatory compliance matrix / licensing basis document Provision of project timelines	CNL		April 1, 2016
	Protocol	CNSC		July 2016
Environmental impact statement submission				
	Draft environmental impact statement (EIS) (group 1 sections)	CNL		August 15, 2016 October 3, 2016
	Federal review of information requests (IRs)	CNSC	25 days	September 20, 2016 November 8, 2016
	Disposition of IRs	CNL	10 days	October 4, 2016 November 22, 2016
	Federal review of CNL disposition	CNSC		Ongoing
	Draft EIS (group 2 sections)	CNL		October 31, 2016
	Federal review of IRs	CNSC	40 days	December 28, 2016
	Disposition of IRs	CNL	10 days	January 12, 2017
	Federal review of CNL disposition	CNSC		Ongoing
	Draft EIS (group 3 sections)	CNL		December 15, 2016
	Federal review of IRs	CNSC	40 days	March 03, 2017
	CNL disposition of IRs	CNL	10 days	March 17, 2017
	Federal review of CNL disposition of all IRs	CNSC		Ongoing
	Draft EIS (full document)	CNL		March 17, 2017
	Constraint: Public comment period	CNSC	60 calendar days	March 17–May 17, 2017
	Federal review of IRs	CNSC	Concurrent with public comment period	
	Disposition of IRs	CNL	10 days	June 1, 2017
	Federal review of CNL disposition (of both federal review and public comments)	CNSC	25 days	July 6, 2017
	Final EIS	CNL		August 10, 2017
	Federal review to confirm comments on draft EIS addressed	CNSC	25 days	September 15, 2017

Milestone	Deliverable/activity	Lead	Service standard (business days)	Submission date of revision 0 to CNSC staff / date of milestone
Environmental impact statement submission (cont'd)				
	EA Report (included in Licensing CMD)	CNSC	4 months	July 6–October 31, 2017
	Public comment period for EA CMD	CNSC	60 days (calendar days)	November 01, 2017
	Commission hearing for EA		Target January 2018 (to be determined by CNSC Secretariat)	

Table 2 outlines the licensing basis documents to be submitted in support of the licence application to construct the NSDF.

Table 2: Deliverable schedule for the licensing basis documents to support the licence application to construct the NSDF

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date of revision 0 (or most recent revision) to CNSC staff / date of milestone	Existing document reference number
Management system					
Management system	Quality assurance manual	CNL			
Organization	Management system			March 31, 2017	CW-514100-MAN-001
Operating experience	Operating experience overview			March 31, 2017	CW-508750-OV-125
Change management	Change management			March 31, 2017	145-514200-PRO-003
Safety culture	Nuclear safety			March 31, 2017	CW-514100-POL-001
Records management	Change management			March 31, 2017	145-514200-PRO-003
Management of contractors	Contractor health and safety management			March 31, 2017	CW-510400-REQ-001
Human performance management					
Personnel training	Training plan	CNL		March 31, 2017	WMA-510200-TPL-001
Operating performance					
Conduct of licensed activity	Updated facility authorization	CNL		April 30, 2017	
	Construction schedule			March 31, 2017	
	Commissioning plan				
	Construction (quality assurance) plan			March 31, 2017	
Safety analysis					
Safety analysis	Safety analysis report Revision D2 (60 percent design)	CNL		January 16, 2017	
	Revision R0			April 30, 2017	
Criticality safety	Criticality safety document			March 31, 2017	
Fire hazard analysis	Fire hazard analysis report (third party)			March 31, 2017	
Physical design					
Site characterization	Design information questionnaire	CNL			
Facility design	Conceptual design package				Contents to be discussed
	Design requirements document(s)			March 31, 2017	
	Detailed design description report			April 30, 2017	
Fitness for service					
Maintenance	Aging management program	CNL			
Structural integrity	Detailed design			March 31, 2017	
Periodic inspection and	Inspection and				

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date of revision 0 (or most recent revision) to CNSC staff / date of milestone	Existing document reference number
testing	maintenance report				
Radiation protection					
Application of ALARA principle	Radiation protection plan	CNL		March 31, 2017	
Worker dose control					
Radiation protection program performance					
Radiological hazard control	Safety analysis report Revision D2 (60 percent design)			January 16, 2017	
Estimated dose to the public	Revision R0			April 30, 2017	
Conventional health and safety					
Performance	Occupational safety and health program requirements	CNL		2017 March 31	CW-510400-REQ-217
Practices					
Awareness					
	Employee health and safety				
	Health Safety Security Environment (HSSE) plan				CW-514100-POL-002
Environmental protection					
Effluent and emissions control (releases)	Environmental impact statement	CNL		Refer to Table 1	
Environmental management system					
Assessment and monitoring					
Protection of the public					
Environmental risk assessment					
Emergency management and fire protection					
Conventional emergency preparedness and response	Emergency preparedness	CNL		March 31, 2017	CW-508730-OV-143 CW-508730-REQ-219
Nuclear emergency preparedness and response					CW-508730-OV-143 CW-508730-REQ-219
Fire emergency preparedness and response	Fire protection program requirements			March 31, 2017	145-508720-OV-001 145-508720-REQ-002
Waste management					
Waste characterization	Waste forecast analysis memo	CNL		March 31, 2017	
Waste minimization	Waste management plan				
Waste management practices	Waste management plan				
Decommissioning plans	Preliminary			March 31, 2017	

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date of revision 0 (or most recent revision) to CNSC staff / date of milestone	Existing document reference number
	decommissioning plan				
Security					
Facility and equipment	Security compliance letter			March 31, 2017	
Safeguards and non-proliferations					
Nuclear material accountancy and control	Nuclear materials and safeguards management overview	CNL			CW-508510-OV-137 CW-508510-REQ-119
Access and assistance to the International Atomic Energy Agency	Nuclear materials and safeguards management requirements				
Operational and design information					
Safeguards equipment, containment and surveillance					
Import and export					
Packaging and transport					
Packaging and transport	Overview of transportation of dangerous goods program Requirements for transportation of dangerous goods	CNL		Not applicable to scope of NSDF	CW-508520-OV-138 CW-508520-REQ-203 CW-508520-PRO-614
Public information program					
Public information and disclosure protocol					(Driven by site licence)
CNSC technical assessment					
	Technical assessment of licensee submissions	CNSC	4 months	April 1–July 30, 2017	
	Comments on submissions		Ongoing	July 30–August 25, 2017	
CNSC Commission Member Document (NSDF will be included in renewal of Chalk River Laboratories operating licence)					
	Drafting of Commission Member Document	CNSC	~ 3 months	September–November 2017	
	Public comment period	CNSC	60 days prior	November 2017	
	Commission hearing (licence renewal)			Target January 2018 To be determined by CNSC Secretariat	