



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

(Appendix A, Revision 2 – June 2017)



### Summary of changes

Section	Change	Date
Appendix A, Table 1	Revision of dates for EA milestones	June 2017
Appendix A, Table 2	Revision to document references	June 2017

Appendix A, Revision 2 – June 2017

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

Milestone	Deliverable/activity	Lead	Service standard (business days)	Submission date of R0 to CNSC staff/date of milestone
Initiation of environmental assessment (EA)	Submission of project description	CNL		April 1, 2016
	Provision of regulatory compliance matrix / licensing basis document			
	Provision of project timelines			
	Protocol	CNSC		July 2016
<b>Environmental impact statement submission</b>				
	Draft environmental impact statement (EIS) (group 1 sections)	CNL		October 3, 2016
	Federal review of information requests (IRs)	CNSC	25 days	November 8, 2016
	CNL disposition of IRs	CNL	10 days	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
	CNL 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	CNSC		Ongoing
	EIS (Draft, full document)	CNL		March 17, 2017
	Constraint - Public comment period	CNSC	60 days (calendar days)	March 17 - May 17, 2017
	Federal review	CNSC	concurrent with public comment period	
	Transmission of preliminary federal IRs	CNSC		May 17, 2017
	Constraint - Public comment period	CNSC	CNSC - 60 days (calendar days)	June 16 - August 16, 2017
	Transmission of final federal IRs	CNSC	concurrent with public comment period	August 16, 2017
	Federal review of public comments and transmission of public IRs	CNSC	20 days	September 14, 2017
	Disposition of federal and public IRs	CNL	20 days	October 13, 2017

Milestone	Deliverable/activity	Lead	Service standard (business days)	Submission date of R0 to CNSC staff/date of milestone
	Federal review of CNL disposition of federal and public IRs	CNSC	20 days	November 14, 2017
	Environmental Impact Statement (Final) [Revise EIS based on comments]	CNL	45 days	January 22, 2018
	Federal review to confirm comments on draft EIS addressed	CNSC	25 days*	February 28, 2018
	Produce summary of EIS changes (French)	CNL	25 days	February 28, 2018
	EA report & Commission Member Document (CMD) in both official languages	CNSC	~6 months (from CNL disposition of IRs)	April 16, 2018
	CNL EA CMD in both official languages	CNL		April 16, 2018
	Public intervention period on EA report and CMD	CNSC	30 days (calendar days)	TBD by CNSC Secretariat April 16 – May 15, 2018
	Commission Hearing for EA			TBD by CNSC Secretariat June 18, 2018 Onwards

\*Note: The final EIS will only be accepted when it has been deemed to adequately address comments to the satisfaction of the CNSC.

**Table 2: Deliverable schedule for documents in support of CNL application for activities related to the construction of the NSDF**

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date to CNSC staff/date of milestone	Existing document reference number
<b>Management system</b>					
Management system	Quality assurance (QA) manual	CNL			
Organization	Management system			Existing	900-514100-MAN-001
Operating experience	Operating experience overview			Existing	900-514000-PDD-001
Change management	Change management			Existing	145-514200-PRO-003
Safety culture	Nuclear safety			Existing	900-508200-PDD-001
Records management	Change management			Existing	145-514200-PRO-003
Management of contractors	Contractor health and safety management			Existing	CW-510400-REQ-001
<b>Human performance management</b>					
Personnel training	Training plan	CNL		Existing	WMA-510200-TPL-001
<b>Operating performance</b>					
Conduct of licensed activity	Updated facility authorization	CNL		April 30, 2017	
	Construction schedule			March 31, 2017	
	Commissioning plan			CNL to provide date	
	Construction (QA) plan			March 31, 2017	
<b>Safety analysis</b>					
Criticality safety	Criticality safety document (CSD)	CNL		March 31, 2017	
Fire hazard analysis	Fire hazard analysis report (third party)			March 31, 2017	
<b>Physical design</b>					
Site characterization	<sup>1</sup> Design information Questionnaire	CNL		CNL to provide date	
Facility design	Conceptual design package			CNL to provide date	
	Design requirements document(s)			March 31, 2017	
	Detailed design description report			April 30, 2017	
<b>Fitness for service</b>					
Maintenance	Aging management programme	CNL		CNL to provide date or reference	
Structural integrity	Detailed design			March 31, 2017	
Period inspection and testing	Inspection and maintenance report			CNL to provide date	
<b>Radiation protection</b>					
Application of ALARA	Radiation protection plan	CNL		March 31, 2017	

<sup>1</sup> If required

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date to CNSC staff/date of milestone	Existing document reference number
Worker dose control				CNL to provide date	
Radiation protection program performance				CNL provide date or reference	
Radiological hazard control	Safety analysis report Revision D2 (60 percent Design)	CNL		January 16, 2017	
Estimated dose to the public	Revision R0			April 30, 2017	
<b>Conventional health and safety</b>					
Performance	Occupational safety and health program requirements	CNL		Existing	900-510400-PRD-001
Practices					
Awareness					
	Employee health and safety				900-510400-PDD-001
	Health Safety Security Environment (HSSE) plan				
<b>Environmental protection</b>					
Effluent and emissions control (releases)	EIS	CNL		Refer to Table 1	
Environmental management system (EMS)				Refer to Table 1	
Assessment and monitoring				Refer to Table 1	
Protection of the public				Refer to Table 1	
Environmental risk assessment				Refer to Table 1	
<b>Emergency management and fire protection</b>					
Conventional emergency preparedness and response	Emergency preparedness	CNL		Existing	900-508730-PDD-001 900-508730-PRD-001
Nuclear emergency preparedness and response				Existing	900-508730-PDD-001 900-508730-PRD-001
Fire emergency preparedness and response	Fire protection program Requirements	CNL		Existing	900-508720-PDD-001 900-508720-PRD-001
<b>Waste management</b>					
Waste characterization	Waste forecast analysis memo	CNL		CNL to provide date	

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date to CNSC staff/date of milestone	Existing document reference number
Waste minimization	Waste Management Plan			March 31, 2017	
Waste management practices					
Decommissioning plans	Preliminary decommissioning plan			March 31, 2017	
<b>Security</b>					
Facility and equipment	Security compliance letter	CNL		March 31, 2017	
<b>Safeguards and non-proliferations</b>					
Nuclear material accountancy and control	Nuclear materials and safeguards management overview  Nuclear materials and safeguards management requirements	CNL		Existing	900-508510-PDD-001  900-508510-PRD-001
Access and assistance to the International Atomic Energy Agency					
Operational and design information					
Safeguards equipment, containment and surveillance					
Import and Export					
<b>Packaging and transport</b>					
Packaging and transport	Transportation of dangerous goods program overview  Transportation of dangerous goods requirements	CNL		Not applicable to the NSDF scope	900-508520-PDD-001  900-508510-PRD-001  CW-508520-PRO-614
<b>Public information program</b>					
Public information and disclosure protocol		CNL		Existing	CW-513430-REPT-001
<b>CNSC Technical assessment</b>					
	Technical assessment of licensee submissions <ul style="list-style-type: none"> <li>Initial CNSC comments on licensee submissions</li> <li>Final CNSC comments on licensee submissions</li> </ul>	CNSC	5 months	September 25, 2017 <ul style="list-style-type: none"> <li>July 31, 2017</li> <li>August 25, 2017</li> </ul>	
	Disposition of comments on technical assessments	CNL/CNSC	Ongoing	July 31 - November 30, 2017	

Safety and control area	CNL documentation	Lead	Service standard (business days)	Submission date to CNSC staff/date of milestone	Existing document reference number
<b>CNSC /CNL Commission Member Documents (CMD)</b>					
	Drafting CMD	CNL	3 months	April 16, 2018	
	Issue CNL CMD in both official languages	CNL		April 16, 2018	
	Drafting CMD	CNSC	3 months	April 16, 2018	
	Issue CNSC CMD in both official languages	CNSC		April 16, 2018	
	Public intervention period on CMDs	CNSC	30 days (calendar days)	TBD by CNSC Secretariat April 16 – May 15, 2018	
	Commission hearing	CNSC		TBD by CNSC Secretariat June 18, 2018 onwards	

**Note:** Documents indicated as “Existing” are CNL documents that do not require resubmission to the CNSC.