

8.0 Permanent Removal of Existing Line 3 from Service

Enbridge is permanently taking the existing Line 3 out of service once the Project goes into service. The process by which the pipeline will be permanently taken out of service is designed to adhere to all applicable statutes, rules and regulations, and to ensure the protection of the public, the environment, current land use, adjacent Enbridge pipelines, and third-party utilities. To achieve this goal, Enbridge will follow applicable rules, as well as employ subsequent monitoring of the right-of-way. Monitoring will include patrolling and monitoring surface conditions, mowing brush, maintaining signage, including the pipeline in the one-call system, and retaining the pipeline within Enbridge's emergency response protocols.

Federal regulations¹ consider a pipeline that is permanently removed from service as "abandoned."² The regulatory requirements for abandoned pipelines minimize safety hazards and environmental hazards. In addition to these federal regulations, Enbridge follows industry guidelines and standards for permanently removing a pipeline from service. These guidelines and standards are described in Section 8.2 below.

8.1 Timing

The timing of the existing Line 3's disposition is dependent upon the permitting of the Project, its eventual construction, and placement into service. At this time, it is anticipated that the Project will be placed into service in late 2017. Taking Line 3 out of service will begin shortly thereafter, and take approximately 12 to 18 months for the process described below to be completed.

8.2 Governing Requirements and Scope

In compliance with 49 C.F.R. Part 195 paragraphs 195.59 and 195.402, Enbridge will:

- Safely disconnect Line 3 from all operating facilities such as pump stations and terminals;
- Purge Line 3 of all combustibles;
- Seal the ends of the pipeline segments left in place; and
- File a report to identify where the pipeline is abandoned wherever it crosses over, under or through a commercially navigable waterway.

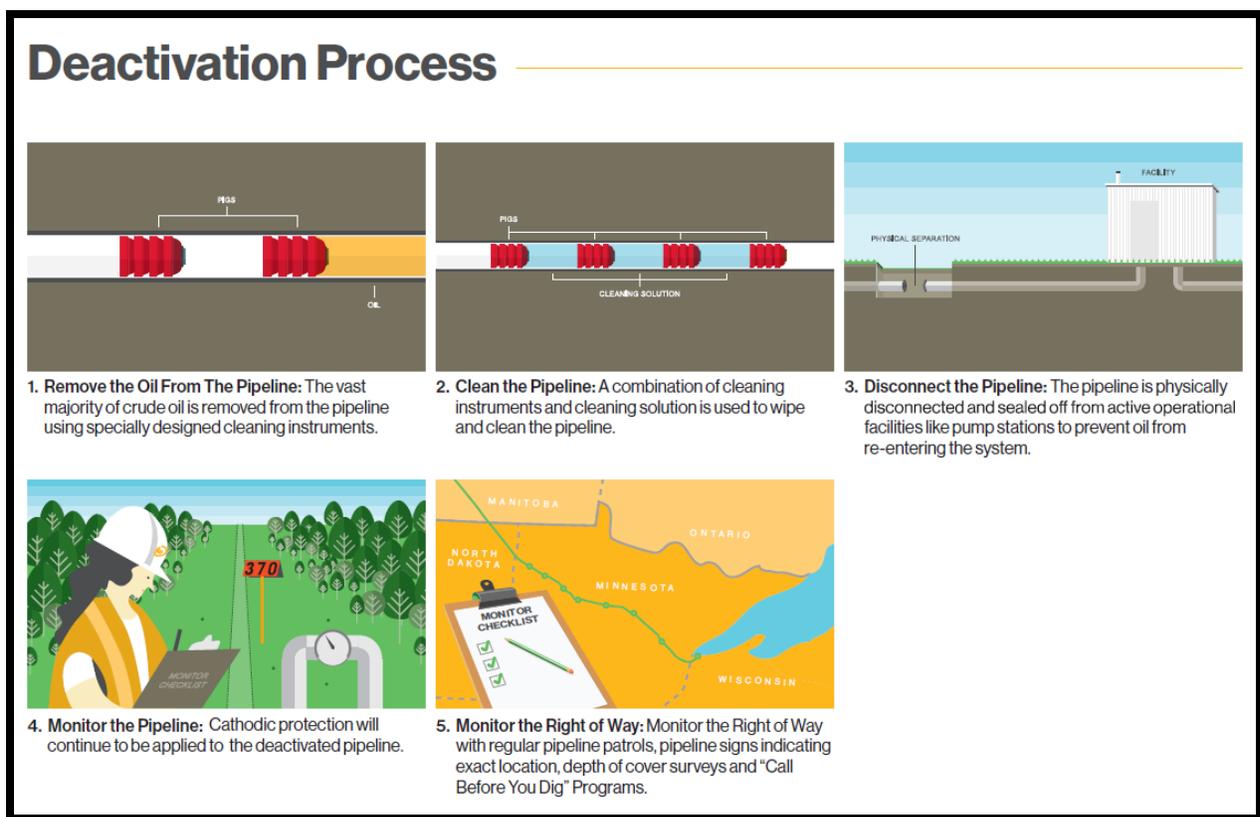
¹ 49 C.F.R. 195.402.

² Operations & Maintenance Enforcement Guidance Part 195 Subpart F

Enbridge’s procedures will also incorporate the American Society of Mechanical Engineers (ASME) B31.4-2012, paragraph 457 guidelines on abandoning a piping system through:

- Purging the line of the transported liquid and vapor with an inert material and sealing the ends; and
- Ensuring that the line is disconnected from all sources of transported liquid, such as other pipelines, meter stations, control lines and other appurtenances.

Shown on Figure 8.2-1 is an overview of the deactivation process.



8.3 Continued Maintenance of the Right-of-Way

To ensure the protection of the public, the environment, current land use, adjacent Enbridge pipelines, and third-party utilities, the right-of-way for the Line 3 will continue to be maintained after the line is taken out of service. This includes patrolling and monitoring surface conditions, maintaining the application of cathodic protection, mitigating impacts of any exposed pipeline within navigable waterways, mowing brush, inspecting crossings, maintaining signage, inclusion

in the Gopher State One Call system, and retaining the abandoned pipeline within Enbridge's emergency response protocols.

8.4 Keeping the existing Line 3 in Place versus Removal

Line 3 is located within a right-of-way that includes multiple other operating pipelines on either side of it. Keeping the pipeline in place is preferable to removal because doing so best mitigates the significant environmental, safety, and operational risks associated with completing extensive work over and within an established multi-pipeline corridor. These risks are thoroughly detailed in Section 6.6.1 of the Routing Permit Application wherein the removal of Line 3 is considered as part of a rejected "same-trench" replacement option.