

## **Accident Summary**

On July 5, 2024, about 3:36 a.m. local time, eastbound Canadian Pacific Kansas City Railroad (CPKC) freight train 242-03 derailed 29 railcars on the main track of the Carrington Subdivision at MP 343.4 near Bordulac, North Dakota. The derailed equipment included 17 tank cars transporting hazardous materials. There was a postaccident release of methanol and anhydrous ammonia from multiple tank cars and a subsequent pool fire surrounding the derailed cars. There were no reported injuries. First responders initiated a voluntary evacuation of two homes for 2 days. CPKC estimated that 121,713 gallons of methanol and 140,405 gallons of anhydrous ammonia released from the derailed tank cars. CPKC also estimated damages to be about \$3.6 million. At the time of the accident, visibility conditions were dark and clear; the weather was 59°F with no precipitation. However, the track and the surrounding area were wet from earlier rainfall.

The crew of train 242-03 consisted of one engineer and one conductor. Train 242-03 comprised 1 head-end locomotive, 1 rear distributed power locomotive, 126 loaded railcars, and 25 empty railcars. The derailed equipment included 12 covered hoppers of propylene (plastic) pellets, 6 tank cars of methanol, and 11 tank cars carrying anhydrous ammonia. Train 242-03 was traveling about 45 mph at the time of the derailment. As a designated key train, its maximum speed was restricted to 50 mph. At the time of the derailment, an automatic emergency brake application was initiated by the train's air brake line. Train movements near the derailment site are authorized by wayside signals.