Tritium Production and Release Path

Braidwood Operations Training

Original Developed by: Dan Redden
Tom Ross
Exelon Nuclear Fuels

Information in this record was deleted in accordance with the Freedom of Information Act. Exemptions
FOIA/PA 2010-0209

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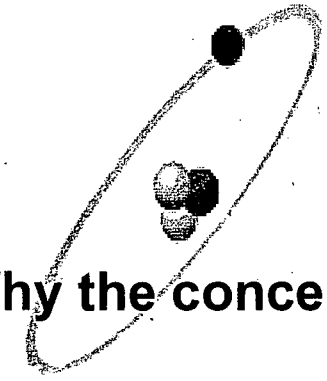

Tritium Basics

Why the concern over Tritium?

The city of Wilmington draws their drinking water from the Kankakee. Exelon and the Illinois Emergency Management Agency (IEMA) provide sampling equipment to ensure that Tritium limits are not exceeded.

Property along the “Lake Blowdown” pipe contaminated with tritium from spurious operation of “Vacuum Breakers”

Cross contamination of normally “Clean” systems at Braidwood resulting in groundwater tritium on our property

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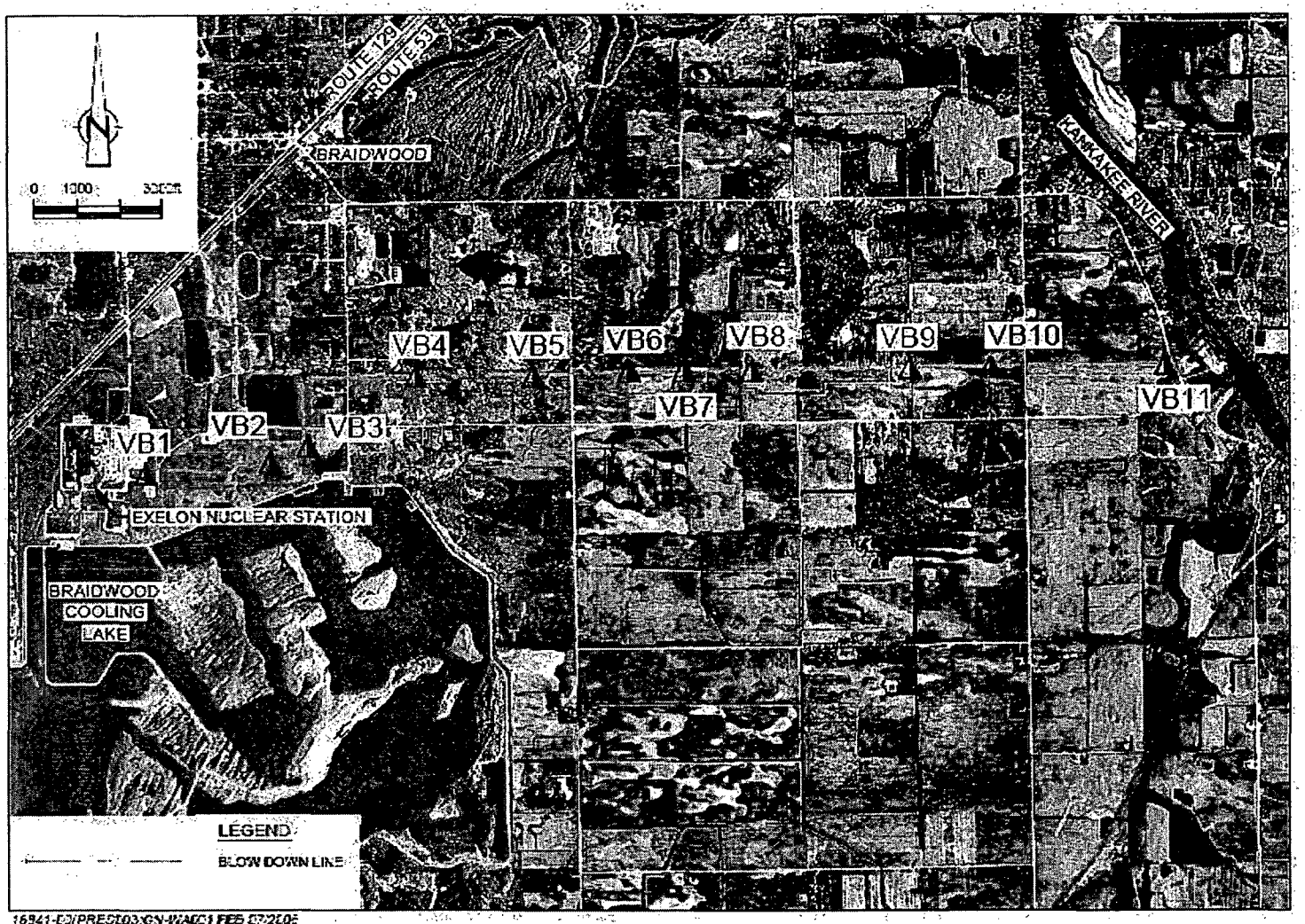
Braidwood Blowdown Line – Vacuum Breakers



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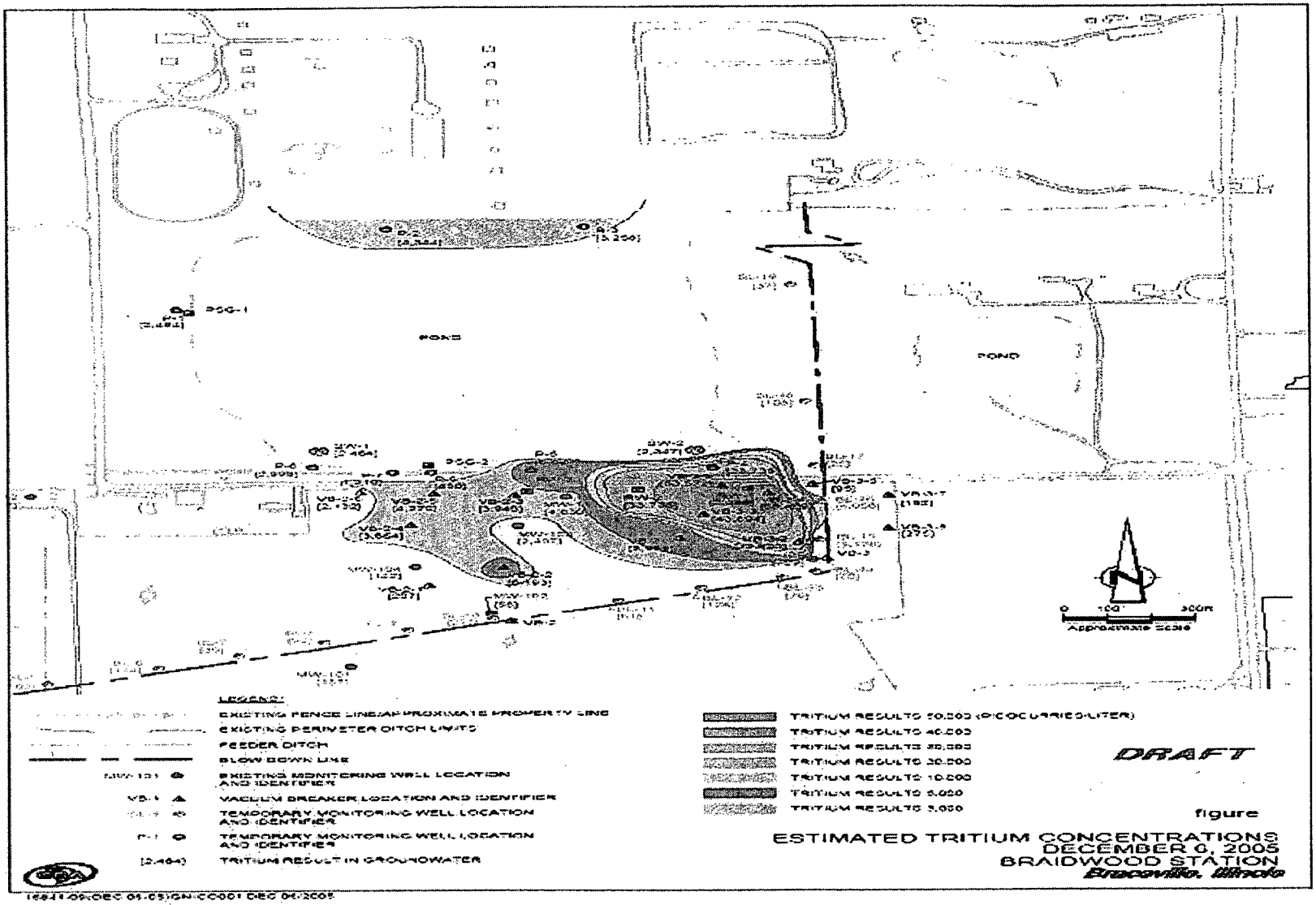

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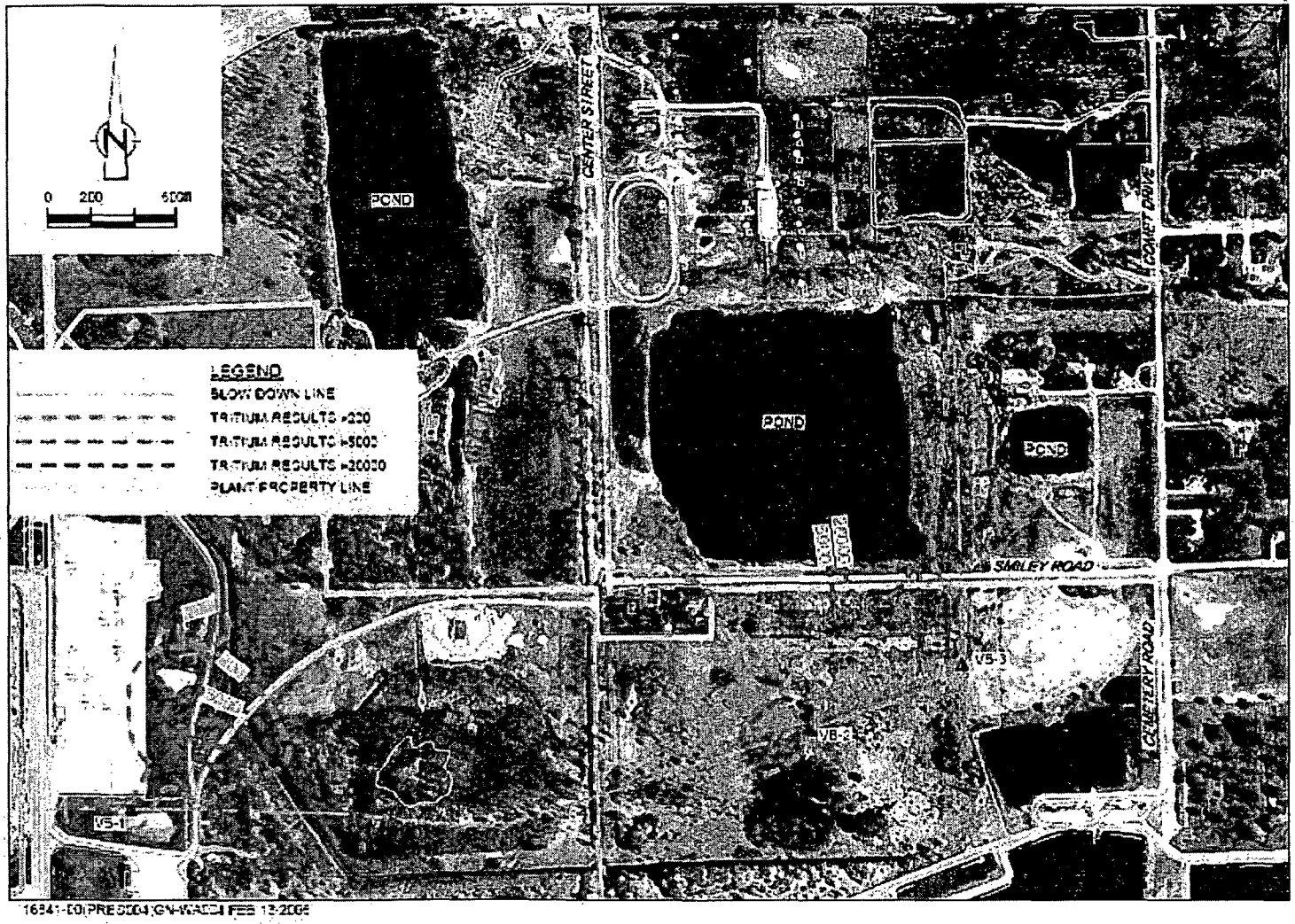
ESTIMATED TRITIUM CONCENTRATIONS
DECEMBER 6, 2005
BRAIDWOOD STATION
Braceville, Illinois

16844-09/DEC 05-05/GN-CC001 DEC 06/2005



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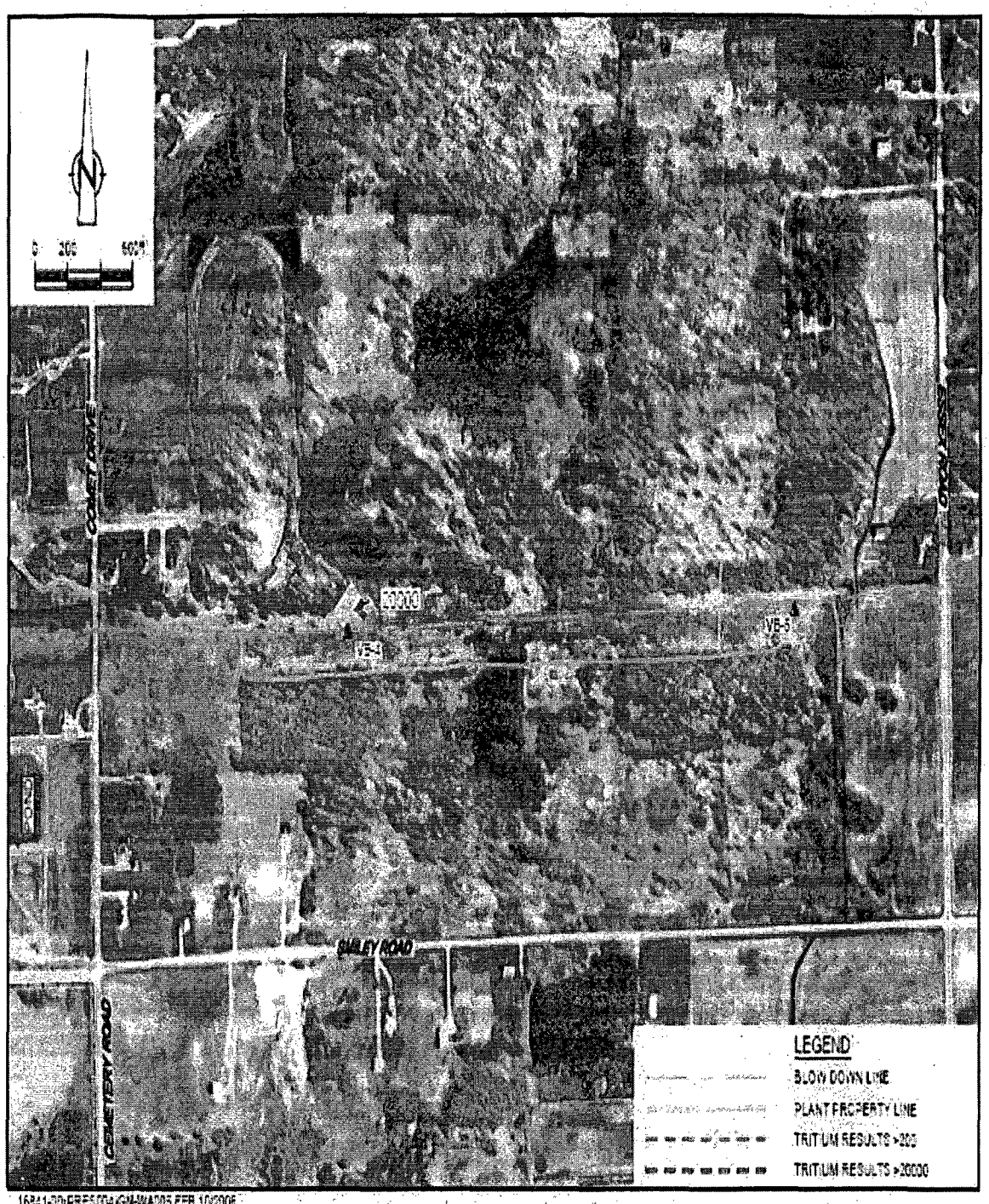

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ESSEX ROAD
SMILEY ROAD
LEGEND

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