

J. D. LAWTON

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10/9/19

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SUBJECT: INADVERTENT ACTIVATION OF INTAKE TUNNEL HALON SYSTEM ON 10/9/19

AN INVESTIGATION WAS CONDUCTED BY MET ED ELECTRICAL MAINTENANCE AND FENVAL REPRESENTATIVES INTO THE INADVERTENT ACTIVATION OF THE INTAKE TUNNEL HALON SYSTEM.

THE INVESTIGATION DISCLOSED THAT A MISSING ALLEN SCREW IN A DETECTOR FITTING ALLOWED WATER TO ENTER THE FITTING. APPROXIMATELY THREE WEEKS PRIOR TO THIS INCIDENT, THE DELUGE SYSTEM IN THE INTAKE TUNNEL WAS UNINTENTIONALLY ACTIVATED BY AN AUXILIARY OPERATOR. WATER FROM THE DELUGE SYSTEM ENTERED THE HALON SYSTEM DETECTOR FITTING, AND SEEPED INTO THE DETECTOR CAUSING A SHORT CIRCUIT, AND SUBSEQUENT ACTIVATION OF THE HALON SYSTEM. THE FITTING WAS CLEANED UP, AN ALLEN SCREW WAS INSTALLED, AND A NEW DETECTOR WAS INSTALLED.

AN INSPECTION OF THE REMAINING HALON SYSTEM DETECTORS IN THE INTAKE TUNNEL REVEALED THAT ONE OTHER FITTING WAS AFFECTED BY WATER. IN THIS CASE, THE WATER CAUSED A GROUND IN THE DETECTOR CIRCUIT, BUT DID NOT RESULT IN AN ACTIVATION. THE FITTING WAS REPLACED.

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