

LIZULIRE BRIDGE		
62210 MN 11 13 2017	07	NFIRS-1 Basic
X Street address 1032 1	Slate Zip Code	
111 Building fire	Check boxes if dates are the d	E2 Shifts and Alarms Local Option A 1 D3 Shift or Alarms District E3 Special Studies Local Option Special Study IDF Special Study Value
F Actions Taken 11 Extinguishment by fire service personnel Primary Action Taken (1) 51 Ventiliate Additional Action Taken (2) 12 Salvage & overhaul Additional Action Taken (3)	G1 Resources X Check this box and test this block than Apparatus or Personnel Module is used. Apparatus Personnel Suppression 9 0 Contents \$ 30,000 Contents \$ 30,000 PRE-INCIDENT VALUE: Optional Property \$ Contents \$ C	
Completed Modules X Fire-2 X Structure Fire-3 Civilian Fire Cas4 Fire Service Cas5 EMS-6 HazMat-7 VividLand Fire-8 X Apparatus-9 X Personnel-10 Arson-11 H1 Casua Death Inju Service Civilian D	O Special HazMat actions required or spill >= 55 gal. Natural gas: slow leak, no evac. or HazMat actions Propane gas - Less than a 21 lb. tank Gasoline - vehicle fuel tank or portable container Kerosene - fuel-burning equipment/portable storage Diesel fuel/fuel oil - vehicle fuel tank/portable Household/office solvent or chamical spill	Mixed Use Property Mixed use, other Mixed use, other Mixed use, other Mixed use, other Reducational use Residential use Residential use Row of stores Business and residential use Office use Industrial use Mixed and use Mixed are use Not mixed use

Α	62210	SPFD171113040639
B ₁ B ₂ B ₃	Property Details 32 Not Residential Estimate number of residential living units in building of only with their or not all units became involved Buildings not involved Number of buildings involved	C On-Site Materials or Products Enter up to three codes. Check one box for each code entered. Enter up to three codes. Check one box for each code entered. Enter up to three codes. Check one box for each code entered. Con-Site Materials Storage Use 1 Bulk storage or warehousing 2 Processing or manufacturing 3 Packaged goods for sale 4 Repair or service N None U Undetermined 1 Bulk storage or warehousing 2 Processing or manufacturing 3 Packaged goods for sale 4 Repair or service N None U Undetermined 1 Bulk storage or warehousing 4 Repair or service N None U Undetermined 1 Bulk storage or warehousing 2 Processing or manufacturing 3 Packaged goods for sale 4 Repair or service N None U Undetermined
D D1 D2 D3	Heat Source 81 Electrical wire, cable insulation Rem First Ignited Check box If fire spread was confined to object of origin.	E1 Cause of Ignition Check this box if this is an exposure report Cause, other (System generated code only, not used for data entry) Intentional Unintentional Unintentional Unintentional Value of equipment or heat source Act of nature Cause under investigation Cause undetermined after investigation Cause undetermined after investigation E2 Factors Contributing to Ignition 30 Electrical failure, malfunction, other Factor contributing to Ignition (2) I Male 2 Female
Equ Bra Ser Mo	None If equipment was not involved, skip to Section G Ipment Involved Ind Ind Ind Ind Ind Ind Ind Ind Ind In	Portability able ionary in normally can be moved by one or two persons, is designed pie locations, and requires no tools to inside. Fire suppression factor (2) Fire suppression factor (3)
L	Mobile Property Involved Not involved in ignition, but burned Involved in ignition, but did not itself burn Involved in ignition and burned Mobile property type Involved in ignition and burned Mobile property make Year	Local Use Pre-Fire Plan Available Some of the information presented in this report may be based upon reports from other agencies: Arson report attached Police report attached Coroner report attached Other reports attached

	97 SPFD171113040639 0 Spentral	NFIRS-3 Structure Fire
1 Structure Type 1 2 Building Status 1 2 Building Status 1 3 3 3 3 3 3 3 3 3	count the roof as part of the highlest story. 3	4 Main Floor Size
	of as part of the highest story. Number of stories winniner damage (1 to 24% fame damage) Number of stories wileightfount damag (25 to 44% fame damage)	K Type of Material Contributing Most to Flame Spread Check in to flame spread OR if same as Material Fits byted (Block D4, Fite Module) OR if unaske to elsemine. K1 81 Electrical wire, cable insulation lem contributing mest to flame spread K2 Type of material contributing most to flame spread Required only if item contributing code is 00 or <70
N None present U Undetermined L2 Detector Type Detector type, other Smoke Heat Combination smoke and heat in a single unit Sprinkler, water flow detection More than one type present U X Undetermined	L3 Detector Power Supply Detector power supply, other Battery only Hardwire only Plug-in Hardwire with battery backup Herdwire with battery backup Mechanical Multiple detectors and power supplies X Undetermined L4 Detector Operation Fire too small to activate detector Detector perated Detector failed to operate Undetermined	L5
M1 Presence of Automatic Extinguishing System 1 Present 2 Partial System Present N X None Present U Undetermined M2 Type of Automatic Extinguishing System Required If the was vibinal dealgrad range of AES Special hazard system, other 1 Wel-pipe sprinkler system 2 Dry-pipe sprinkler system 3 Other sprinkler system 4 Dry chemical system 5 Foam system 6 Halogen-type system 7 Carbon dioxide system 1 Undetermined	M3 Operation of Automatic Extinguishing System Required life was within designed range Operation of AES, other 1 System operated and was effective System operated and was not effective Fire too small to activate system System did not operate Undetermined M3 Number of Sprinkler Heads Operating Required I system operated Number of sprinkler heads operating	M6 Reason for Automatic Extinguishing System Failure Required if system laiked on not effective, 0 Reason system not effective, other 1 System shut off 2 Not enough agent discharged to control the fire 3 Agent discharged, but did not reach the fire 4 Inappropriate system for the type of fire 5 Fire not in area protected by the system 6 System components damaged 7 Lack of maintenance, including corrosion or heads painted 8 Manual intervention defeated the system Undetermined

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J Property Use	341 Clinic, clinic-type infirmary	629 Laboratory or science laboratory
Structures	342 Declor, dentist or oral surgeon office	819 Livestock, poultry storage
419 1 or 2 family dwelling	615 Electric-generating plant	700 Manufacturing, processing
311 24-hour care Nursing homes, 4 or more persons	213 Elementary school, including kindergarten	579 Motor vahicle or boat sales, services, repair
,241 Adult education center, college classroom	519 Food and beverage sales, grocery store	429 X Multifamily dwelling
162 Bar or nightclub	215 High school/junior high school/middle school	882 Parking garage, general vehicle
464 Barracks, dormttory	331 Hospital - medical or psychiatric	459 Rosidential board and care
439 Boarding/rooming house, residential hotels	449 Hotel/motel, commercial	161 Rostaurant or cafeteria
599 Business office	539 Household goods, sales, repairs	571 Service station, gas station
131 Church, mosque, synagogue, temple, chapet	361 Jall, prison (not juvenile)	891 Warehouse
Outside	984 Industrial plant yard - area	960 Street, olher
981 Construction site	946 Lake, river, stream	936 Vacant lot
655 Crops or orchard	931 Open land or field	turtuu aatustaa Baasantu Maa Baasan A
918 Dump, sanitary landfill	807 Outside material storage area	Look up and enter a Property Use 429 description only if you
669 Forest, timberland, woodland	124 Playground	have NOT checked a Code Property Use Box. Multifarmity dwelling
938 Graded and cared-for plots of land	951 Railroad right-of-way	Property Use Description
961 Highway or divided highway	982 Residential street, road or residential driveway	
K1 Person/Entity Involved Local Option Cherk bits box if some address as incident: Localism (Section B). Then skip the three duplicate address lines.	Business Name (if Applicable) Mr., Ms., Mre. First Name M.	Area Code Phone Number
	Number Prefix Street or Highway Post Office Box Apt/SuiterRoom City State Zip Code	Street Type Sulfix
K2 Owner Same as person involved?	Post Office Bax Apt/SuiterRoom City	Street Type Sulfix
K2 Owner Same as person involved? Then check this box and skip the rest of this block, Local Oction	Post Office Bax Apt/SuiterRoom City	
K2 Owner Same as person involved? Then check this box and skip the rest of this block, Local Option Check this box if same address as incident Location (Section 16). Then skip the three skipplicate address fixes.	Post Office Box Apt//Suite/Room City State Zip Code	612 - 226 - 8699 Area Code Phone Number Suffix Number AVE N Street Type Suffix
Local Option Check this box if same address as incident Location (Section II). Then ship has there duplicate address fines.	Post Office Box Apt/SukerRoom Cky State Zip Code Business Name (if Applicable)	612 - 226 - 8699 Area Code Phone Number Suffix Number AVE N Street Type Suffix
Local Option Check this box if same address a incident Location (Section B). Then six to the three	Post Office Box Apt/SukerRoom Cky State Zip Code Business Name (if Applicable)	612 - 226 - 8699 Area Code Phone Number Suffix Number AVE N Street Type Suffix
Local Option Check this box if same address as incident Location (Section 15). The state of the section 15 of the sectio	Post Office Box Apt/Suite/Room City State Zip Code Business Name (if Applicable) MI BALSAM FIR Number Profix Steet or Highway Post Office Box Apt/Suite/Room City Apt/Suite/Room City BROOKLYN PARI City Steet	Last Name AVE N Suffix Street Type Suffix S
Local Option Check this box if same address as incident Location (Section 15). The same of	Post Office Box Apt/SukerRoom Cky State Zip Code Business Name (if Applicable)	612 - 226 - 8699 Area Code Phone Number Suffix Number AVE N Street Type Suffix
Cocal Option Check this box if same address as incident. Then skip the three duplicate address fines. M Authorization 4318 Greg Duren Officer in charge 10 Signature Post	Post Office Box Apt/Suite/Room City State Zip Code PAWANKUMAR Business Name (if Applicable)	612 - 226 - 8699 Phone Rumber Suffix Street Type Suffix Suffix

Remarks

THE FIRE DEPARTMENT RESPONDED TO 1032 DULUTH STREET FOR A FIRE IN A BOILER ROOM. ON ARRIVAL, ENGINE #7'S CAPTAIN REPORTED A BUILDING MANAGER/MAINTENANCE WORKER SPECIFIED A FIRE IN THE BOILER ROOM AND DIRECTED THE FIRE COMPANY TO THAT LOCATION. ENGINE #7'S CREW EXTINGUISHED AN ELECTRICAL FIRE IN THE BOILER ROOM WITH A LIGHT WATER EXTINGUISHER AND CO2 EXTINGUISHERS AND STARTED OVERHAUL. LADDER #7'S CREW CONDUCTED VENTILATION AND SECURED UTILITIES. SQUAD #1'S CREW ESTABLISHED INCIDENT LIGHTING, CONDUCTED OVERHAUL, AND SEARCHED FOR FIRE EXTENSION.

DISTRICT CHIEF #2 ARRIVED ON SCENE AND ASSUMED COMMAND. I ARRIVED ON SCENE AND TOOK OVER COMMAND FROM DISTRICT CHIEF #2 APPROXIMATELY 10 MINUTES AFTER ARRIVAL.

ENGINE #9'S CREW ESTABLISHED A WATER SUPPLY TO ENGINE #7. ENGINE #17'S CREW SEARCHED THE BUILDING AND ENGINE #4'S CREW WAS INITIAL RAPID INTERVENTION TEAM (RIT). FIRE INVESTIGATOR LARSON INVESTIGATED INCIDENT.

XCEL ENERGY PERSONNEL DISCONNECTED THE ELECTRIC POWER AND SECURED AND TAGGED THE GAS METER. RED CROSS REPRESENTATIVES ARRIVED ON SCENE TO ASSIST BUILDING OCCUPANTS WITH TEMPORARY RELOCATION. IN ADDITION, THE SAINT PAUL DEPARTMENT OF SAFETY AND INSPECTION (DSI) WAS ALSO NOTIFIED TO ASSIST AT INCIDENT AND WAS EN ROUTE TO SCENE. THE INCIDENT WAS THEN TURNED OVER TO THE BUILDING OWNER AND RED CROSS.

Saint Paul Fire Department FIRE INCIDENT DISPOSITION



INCIDENT NUMBER:	17-40639	DATE OF INCIDENT: 11/13/2017		
TIME OF INCIDENT:	0916 hours	POLICE CASE #: N/A		
INVESTIGATOR(s):	J. Larson			
INCIDENT ADDRESS:	1032 Duluth Street, Saint Paul, MN 55106			
OCCUPANT NAME:	N/A PHONE: N/A			
OWNER NAME:	Pawankumar Himraj PHONE: 612-226-8699 Dhaneshwarie Himraj 612-384-8699			
ADDRESS OF OWNER:	9329 Balsam Fir Avenue North, Brooklyn Park, MN 55443-1798			
PROPERTY DAMAGED:	Apartment Building	AREA OF ORIGIN:	Boiler room	
DAMAGE ESTIMATE:	Building \$80,000	Vehicle \$	Other (Describe) \$	
VALUE:	Building \$1,004,200	Vehicle \$	Other (Describe) \$	
Damage Estimate CONTENTS ONLY:	\$30,000			
INJURY/DEATH (if yes, explain)	No ☐ Yes			
SMOKE DETECTOR, SPRINKLER, and CARBON MONOXIDE INFORMATION:	Smoke Detector Present: Detector Functioning: Sprinkler System Present Sprinkler Heads activated C.O Detector Present:		No Unknown No Unknown No Unknown No Unknown No Unknown	
FIRE CAUSE CLASSIFICATION:	Accidental			
SYNOPSIS:	Saint Paul Fire Department crews were dispatched for a report of a fire in the laundry room. Fire companies arrived to find nothing showing from the exterior and heavy smoke in the boiler room. Fire companies extinguished a fire in the boiler room coming from the electrical meters and overhauled. The ignition source was most likely heat from an electrical current. The first fuel ignited was most likely wiring and components of the electrical meter. The act that brought these two together was a malfunction of the electrical meter. The classification of fire cause is accidental.			
DISPOSITION:	☐ E-mail only ☐ Hold Scene until approved ☐ DO NOT DEMOLISH until approved ☐ Scene Released ☐ Analysis of Evidence Pending ☐ Report to Follow			

FIRE INVESTIGATION REPORT

INCIDENT NO: 17-40639

DATE: 11/13/2017

TIME: 0916 HOURS

ADDRESS: 1032 DULUTH STREET

INSURANCE CO: UNKNOWN

DAMAGE ESTIMATE: \$110,000

SYNOPSIS: On Monday, November 13, 2017, at approximately 0916 hours, the Saint Paul Fire Department was dispatched for a report of a fire in a laundry room. The location of the incident was 1032 Duluth Street. Fire companies arrived to find nothing showing from the exterior but heavy smoke inside the boiler room. Fire companies extinguished and overhauled the fire in the boiler room which was coming from the electrical meters. Investigation revealed the ignition source was most likely heat from an electrical current. The first fuel ignited was most likely wiring and components of the electrical meter. The act that brought these two items together was a malfunction of the electrical meter. The classification of fire cause is accidental.

PEOPLE: Property Owner, PAWANKUMAR HIMRAJ, 9329 Balsam Fir Avenue North, Brooklyn Park, MN 55443, 612-226-8699.

Property Owner, DHANESHWARIE HIMRAJ, 9329 Balsam Fir Avenue North, Brooklyn Park, MN 55443, 612-226-8699.

Building Caretaker, TIMOTHY G. BURKHART, 1032 Duluth Street, Apartment #210, Saint Paul, MN 55106, 651-404-3086, DOB 11/27/1963.

BACKGROUND: I received notification of the fire via the Communications Center at approximately 0916 hours. I responded to the incident scene and arrived at approximately 0925 hours. Upon my arrival, fire companies were actively extinguishing the fire on a wall of electrical meters in the boiler room. Weather conditions were sunny with winds out of the south at approximately 6 mph and a temperature of approximately 30° Fahrenheit.

PROPERTY DESCRIPTION: The structure was a large three-story, multi-family apartment building. The structure contained a rubber membrane/aggregate flat roof and brick exterior. The property measured approximately 55 feet wide and 142 feet deep and the address side faced south, with the structure running west to east. The gas utilities entered the building on the north side, in the center of the structure, and the electrical feed entered from underground on the north side, centrally located.

EXTERIOR EXAMINATION: Visual inspection of the exterior found no evidence of smoke or fire damage. Fire crews had entering the structure through a door located on the north central side of the structure.

Fire Investigation report 1032 Duluth Street Page Two

INTERIOR EXAMINATION: Entrance to the structure was made through the north facing doorway under exigent circumstances. Observations of all three floors of the building were performed and no evidence of heat or smoke damage was realized until entry was made into the of the storage room/laundry room. In this area, light smoke was found, with minimal staining around the doorway to the boiler room located in the north central portion of the structure. In the laundry/storage area, numerous electrical meters and breakers were observed. The main powered breaker consisted of two commercial 260 amp blade fuses which were found in the "on" position by fire personnel and then turned to the "off" position. No other breakers were moved during fire suppression or overhaul efforts.

Observations of the individual apartment electrical meters were made moving in the direction of north to south and top to bottom. It was determined that several individual unit breakers had been tripped as well as the building supply panel Main - Double Pull 80 amp tan CH which was found in the "off" position, which is also this breakers tripped position.

Unit breakers found in the tripped position are as follows: 109, 209, 208, 107, 211, 111, and 206. Eight individual unit electrical meters and their corresponding breakers were found in the boiler room. These meters were observed however, breaker positions were unable to be ascertained due to heat damage and loss of mass. Within this area, heavier oxidation of metal surfaces was observed near the meter closest to the floor and adjacent to the meters on the same wall outside the room. It appears through loss of mass of metal blade connectors, oxidation of metal components and loss of mass of breaker components in that the area of origin is located here.

INTERVIEW: Building Caretaker, TIM G. BURKHART, was interviewed on scene at the time of the incident and stated the following:

- I heard the fire alarms sound and began to walk the floors to investigate the source while talking with the emergency dispatcher.
- I came into the laundry and storage area and did not see smoke or fire until I opened the door to the boiler room.
- I observed active fire on the wall with the electrical meters in the boiler room and shut the door and left.

PHOTOGRAPHS/SKETCH: Digital photographs were taken.

EVIDENCE: No evidence was collected. All possible evidence was left on scene for examination by an insurance company representative.

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CONCLUSION: After examination of the fire scene, fire patterns of both movement and intensity observed as well as the interview conducted on scene, it is my opinion the fire began in the northwest corner of the boiler room within the electrical meter located nearest the floor and adjacent to the meters outside the room. The ignition source was most likely electrical arcing energy. All other competent ignition sources in the area of origin have been eliminated. The first fuel/material ignited was most likely metals and plastics within the electrical supply. The action that brought these items together was most likely an overcurrent situation coupled with the failure of an electrical meter. The classification of fire cause is accidental. This concludes my investigation and report.

J. Larson, Fire Investigator, C Shift, 11/13/2017

JL/su