



IUEC INCIDENT SUMMARY

CLOSE CALLS, INJURY

“CLOSE CALL”

April 28th 2023---IUEC Safety Stand Down Day



Description of Incident

Control Type: Electric

Machine Type: Gearless

Speed: 350 FPM

Capacity: 2500 LBS

Rise: 7 Floors

Hoistway Configuration: Simplex

- While working on a modernization job a mechanic and apprentice brought the new gearless machine to the top floor using the elevator, prior to taking the car out of service.
- Next, they rolled the machine across the floor to the stairwell so they could hoist the machine up the stairs.
- While they were pushing the machine, they transitioned from the office space to the stairwell and the wood floor beneath the machine gave way, causing the machine to tip and embed in the stairwell floor.
- Both the mechanic and the apprentice were clear of the machine as it tipped and there were no injuries.
- Current Status:
- The modernization is currently on hold awaiting building repairs.



Recommendations and Lessons Learned



- Always follow the company safety policy
- Always perform a JHA/JSA as per company policy
- Possible Root Causes:
 - Rotted sub-floor hidden by the floor coverings.
 - The main floor of the building is a double layer ¾” plywood. As it transitions to the stairwell it is only a single layer of ¾” plywood. The plywood sub-floor was covered with VCT (linoleum tile) making it impossible to know the condition of the sub floor.
- Field Employees’ Safety Handbook
 - Section 12 Material Handling
 - 12.1 Manual Handling Lifting of Material
 - (a) When any heavy object is to be lifted and carried to another point, first inspect and clear the area and route over which the object is to be carried. Be sure nothing is in the way that might cause slipping or tripping.
 - 12.2 Ramping and Blocking of Material
 - (i) Passageways for the movement of materials and equipment shall be cleared of debris and obstacles to afford needed working space and ease of movement.
 - (j) Before moving extremely heavy loads (machines, escalator trusses, etc.) check with your Superintendent/Manager that the floor will support the load.