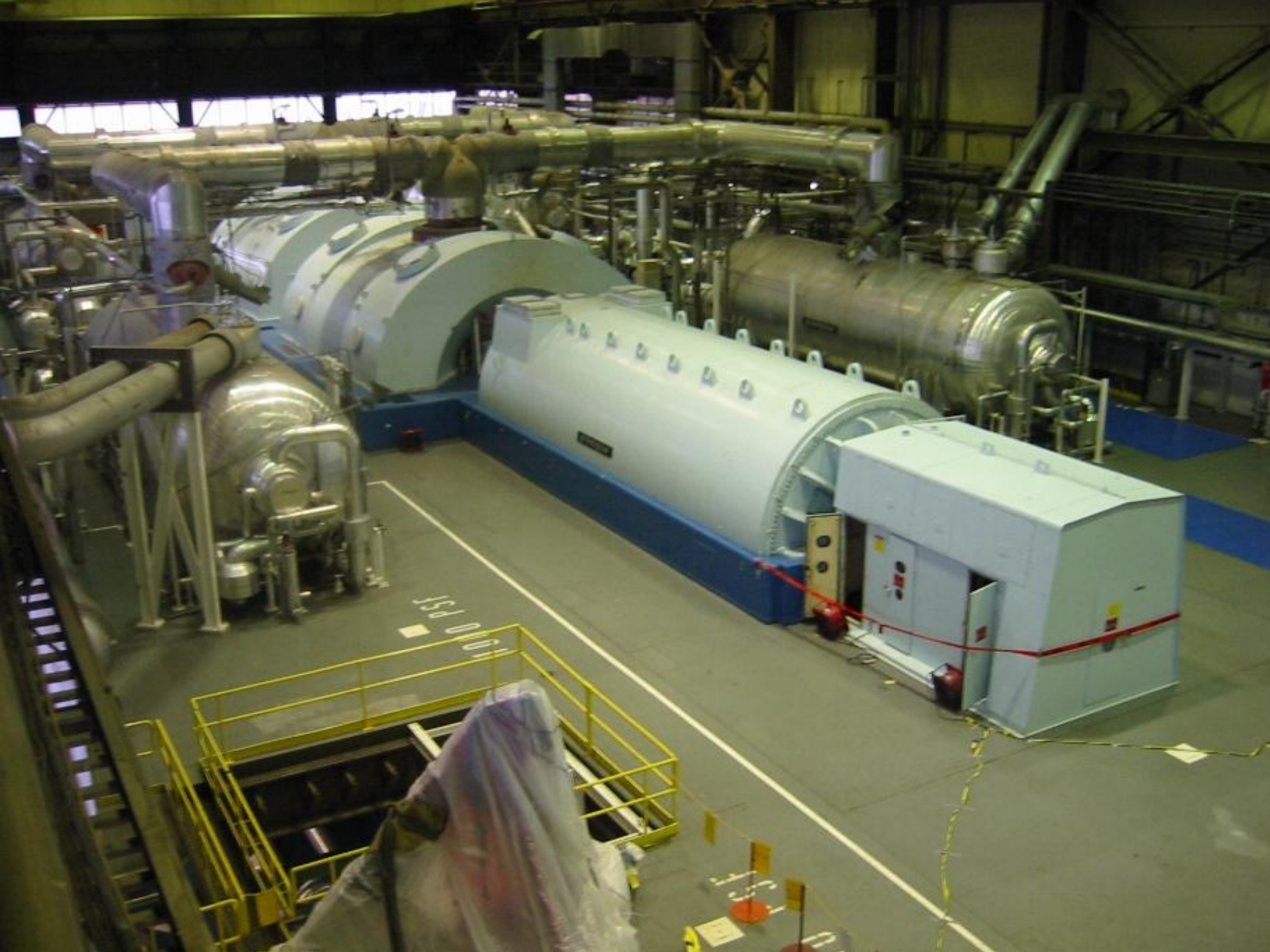


Fall 2005 Photos
GE Performaing Major Inspection of ANO
Unit 1 Westinghouse HP and Generator

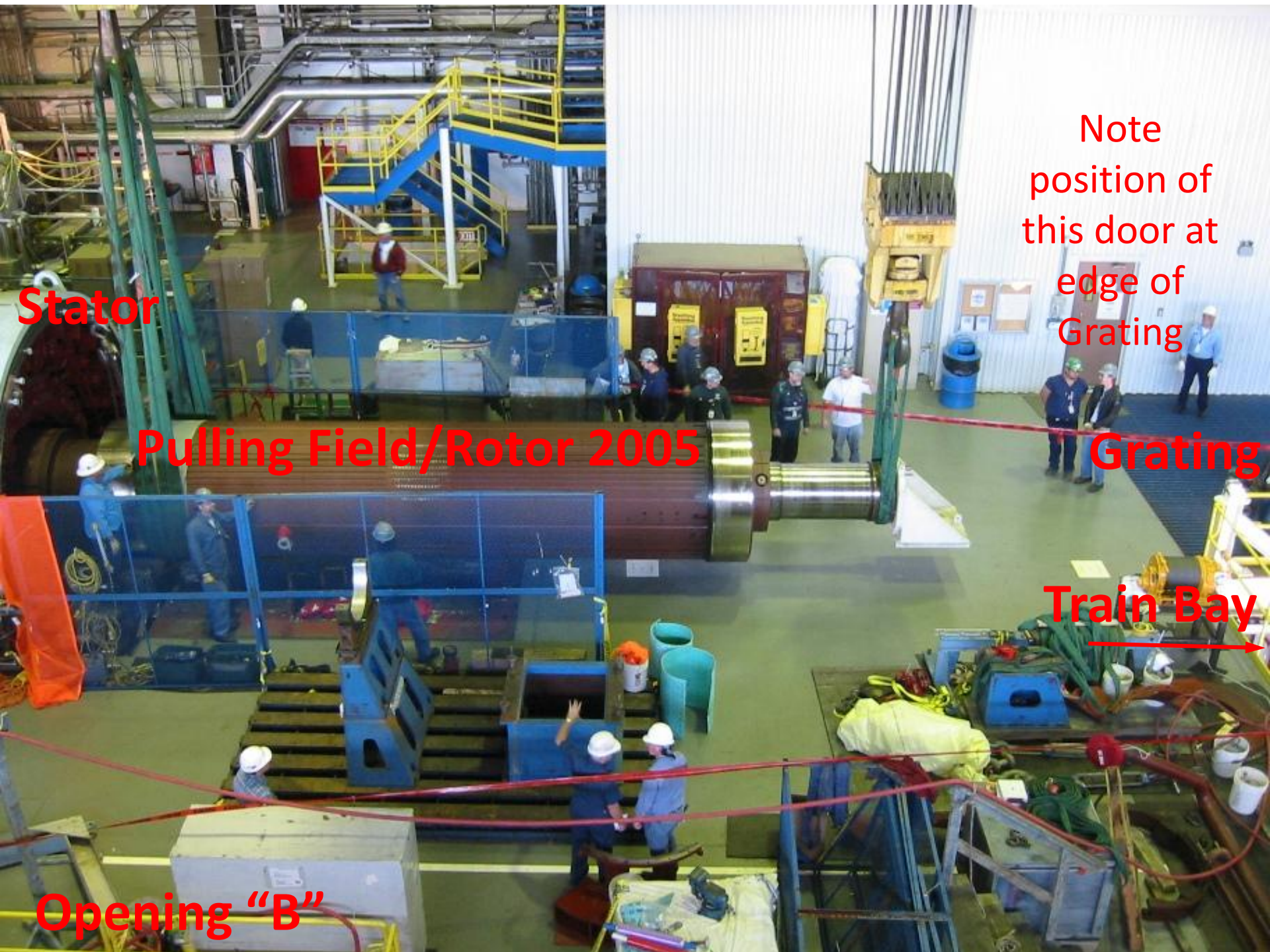


A large industrial facility, likely a power plant, featuring a massive white cylindrical generator stator. The stator is mounted on a blue base and is surrounded by a complex network of silver pipes and metal structures. In the foreground, there is a yellow metal railing and a white plastic sheet. To the right of the stator, there is a white electrical control cabinet with a red safety strap. The floor is a light-colored concrete with yellow safety lines. The background shows more industrial equipment and a large window at the top of the building.

**Unit 1 Generator
Stator**

**Opening "B"
Not the Train Bay**





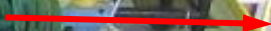
Stator

Pulling Field/Rotor 2005

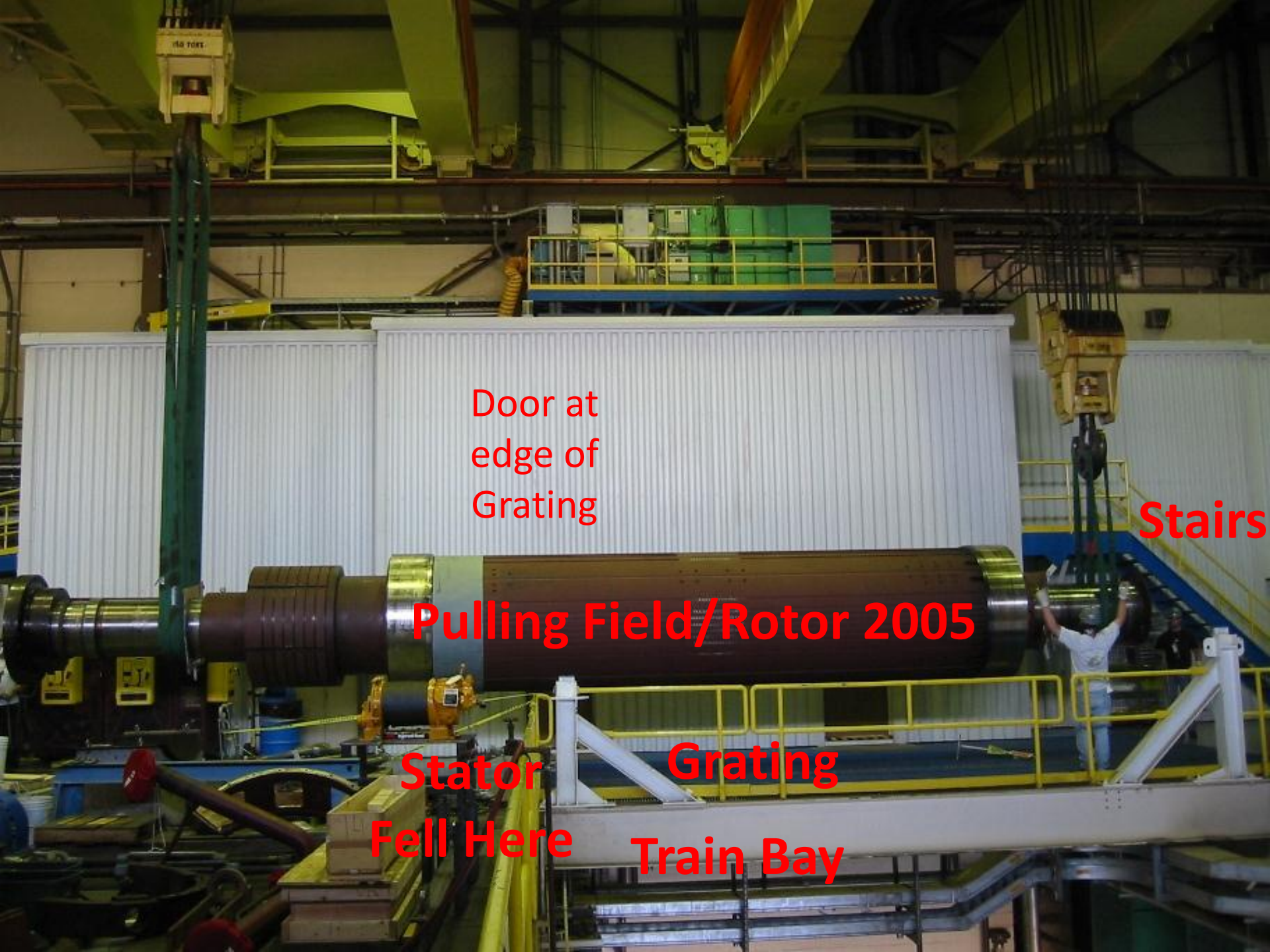
Note
position of
this door at
edge of
Grating

Grating

Train Bay



Opening "B"



Door at
edge of
Grating

Stairs

Pulling Field/Rotor 2005

Stator

Grating

Fell Here

Train Bay



2005

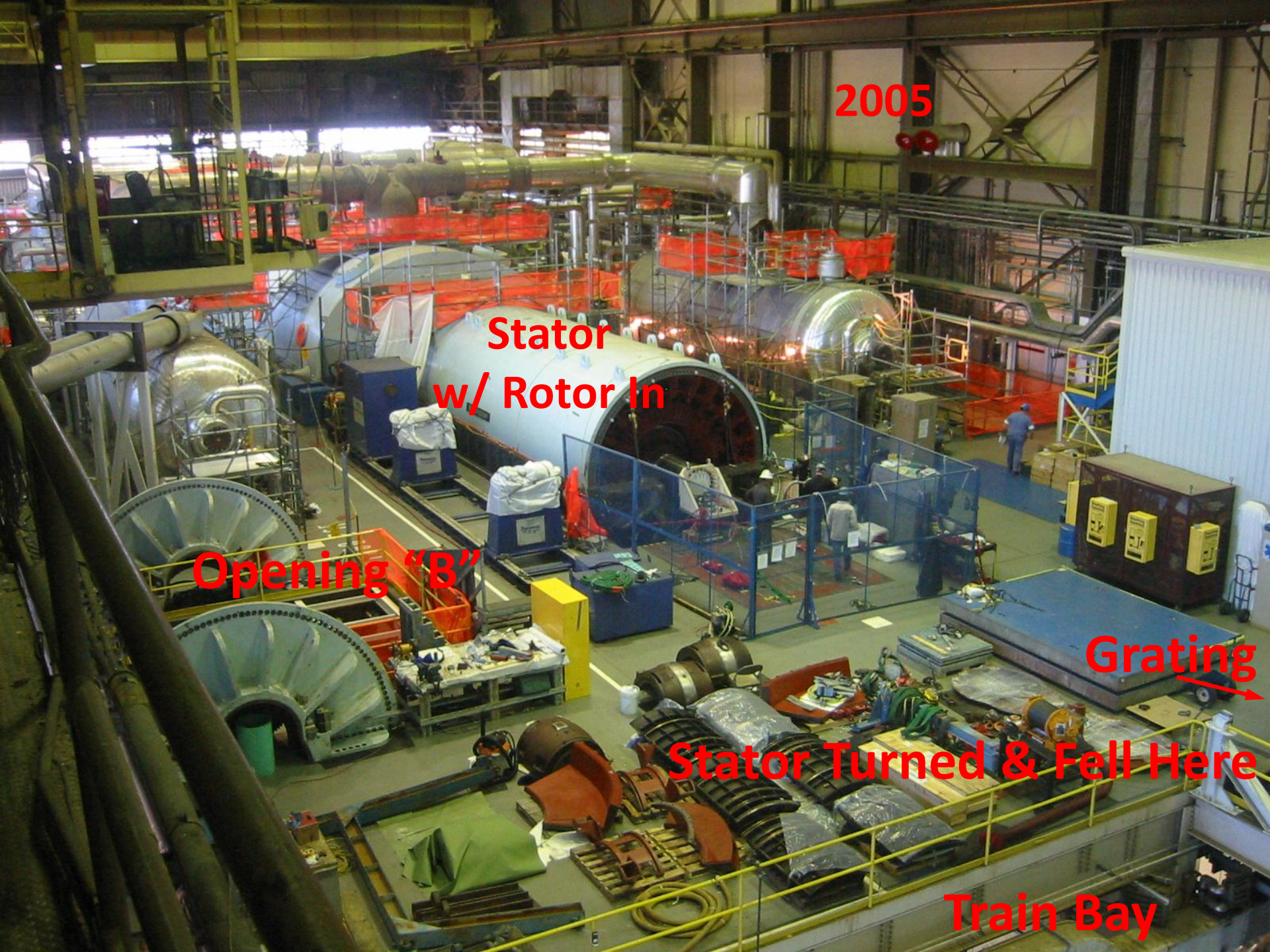
Stator
w/ Rotor In

Opening "B"

Grating

Stator Turned & Fell Here

Train Bay



Spring 2013 Photos
Siemens / Bigge Removing ANO U1 Stator
(for replacement)



BIGGE

BIGGE

BIGGE

FIRE HOSE

BIGGE
2000-10-1
1000-10-1

B14

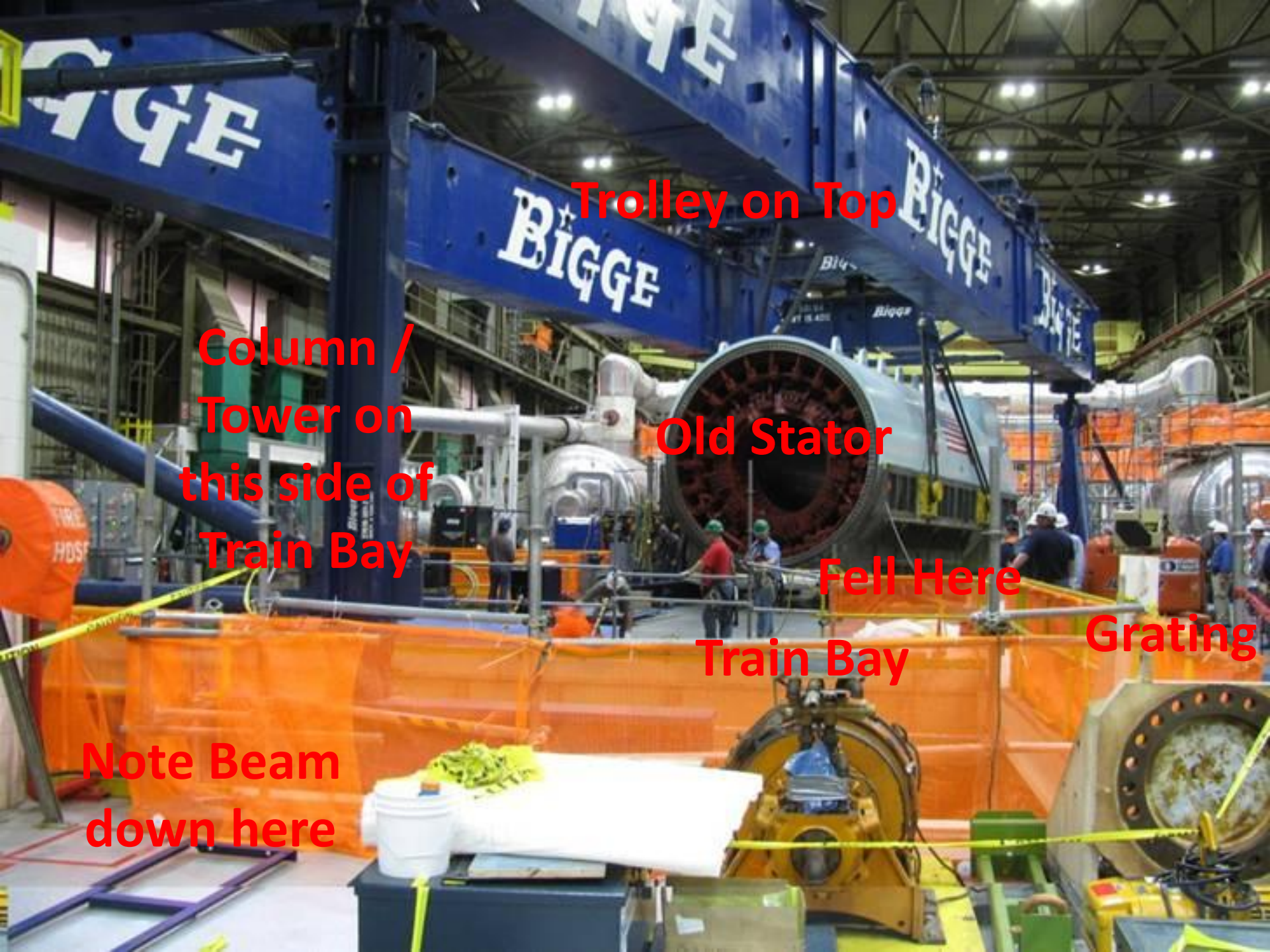
BIGGE

B14

BIGGE

B14

BIGGE



Trolley on Top

Column /
Tower on
this side of
Train Bay

Old Stator

Fell Here

Grating

Train Bay

Note Beam
down here

BIGGE

GE

BIGGE

BIGGE



Hinge Hole

BIGGE

Note Trolley
on top

GE

Hinge

BIGGE

BIGGE

Hinge

Columns on
far side of
Train Bay

Fell Here

Old Stator

Train Bay

Grating



Trolley

**Old Stator
(~500 tons)**



NOTIFICATION OF UNUSUAL EVENT DECLARED DUE TO A BREAKER EXPLOSION IN THE PROTECTED AREA

"At 0750 [CDT] on 3/31/2013, during movement of the Unit 1 Main Turbine Generator Stator (~500 tons), the Unit 1 turbine temporary lift device failed. This caused a loss of all off site power on Unit 1. The ANO Unit 1 #1 and #2 EDG [Emergency Diesel Generator] have started and are supplying A-3 4160V switchgear and A-4 4160V switchgear. P-4A Service Water pump and P-4C Service Water pump has been verified running. Unit 1 has entered [procedures] 1202.007 - Degraded Power, 1203.028 - Loss of Decay Heat, and 1203.050 - Spent Fuel Emergencies. Unit 1 is in MODE 6.

"ANO-1 entered TS 3.8.2 A, 'One Required Offsite Circuit Inoperable'. All required actions are complete. The event caused a loss of decay heat removal on ANO Unit 1 which was restored in 3 minutes and 50 seconds.

"Unit 2 tripped and is in MODE 3. Emergency Feed Water was initiated on Unit 2 and Unit 2 was in [Technical Specification] 3.0.3 from 0817 [CDT] to 0848 [CDT] due to Emergency Feedwater. Unit 2 is being powered by off-site. Unit 2 Startup 3 [transformer] lock out at 0921 [CDT]. [Bus] 2A1 is on Start up 2 [transformer] and [bus] 2A3 is on #2 EDG.

"10CFR50.72 (b)(3)(iv)(A) - 4-hr. notification due to the ES [Engineered Safeguard Feature] actuation on both Unit 1 and Unit 2.

10CFR50.72 (b)(2)(iv)(B) - 4-hr. notification due to RPS [Reactor Protection System] actuation on Unit 2.

10CFR50.72 (b)(2)(xi) - 4-hr. notification due to Government Notification.

29CFR1904.39a - [OSHA] 8-hr. notification due to death on site.

"At 1033 [CDT] on 3/31/2013, Unit 2 entered a Notification of Unusual Event based on EAL HU4 due to damage in 2A1 switchgear. Notification of the NUE will be made IAW Emergency Plan requirements. Follow-up notifications will be made as appropriate."

At this time, the full extent of structural damage on Unit 1 is not known. There was one known fatality and 4 known serious injuries to workers. The local coroner is on site for the fatality and the injured personnel have been transported offsite to local hospitals. Investigation into the cause of the failure and extent of damage is ongoing.

On Unit 2, all rods inserted during the trip. The core is being cooled via natural circulation. Decay heat is being removed via steam dumps to atmosphere. There is no known primary to secondary leakage.

Arkansas Nuclear One Exits Notification of Unusual Event

At 6:21 p.m. Arkansas Nuclear One exited the notice of unusual event that was declared earlier today. The notification of unusual event classification “the lowest of four emergency classifications designated by the Nuclear Regulatory Commission“ was declared when a plant component fell during a planned lift, damaging plant equipment. At the time of the accident, Unit 1 was shut down for a planned refueling outage.

The plant entered the notification of unusual event due to damage to a breaker cubicle related to the accident in the plant. The notification of unusual event was exited after corrective actions were completed to stabilize power supplies and the plant no longer met the emergency action level criteria. Both units of ANO are in a stable shutdown condition. Power to Unit 1 is being supplied by emergency diesel generators. Power to Unit 2 is being provided by emergency diesel generators and off site power. There was no radiological release and no impact on public health and safety. The emergency response organization remains staffed in order to provide oversight in support of ongoing plant repairs.

The industrial accident at the plant resulted in the fatality of one employee and injuries to eight others. The injured employees were transported to a local hospital. Six employees were treated and released. Two remain hospitalized for their injuries.

Area residents are requested not to call the plant. Local radio stations are the best source of up-to-date information and are being provided with the latest information by plant, federal, state and local officials.

Entergy Corporation, which celebrates its 100th birthday this year, is an integrated energy company engaged primarily in electric power production and retail distribution operations. Entergy owns and operates power plants with approximately 30,000 megawatts of electric generating capacity, including more than 10,000 megawatts of nuclear power, making it one of the nation's leading nuclear generators. Entergy delivers electricity to 2.8 million utility customers in Arkansas, Louisiana, Mississippi and Texas. Entergy has annual revenues of more than \$10 billion and approximately 15,000 employees.



BIGGE

BIGGE

JLG

Stairs

Unit 2
GE Machine

Grating

Fell
Here

Train Bay

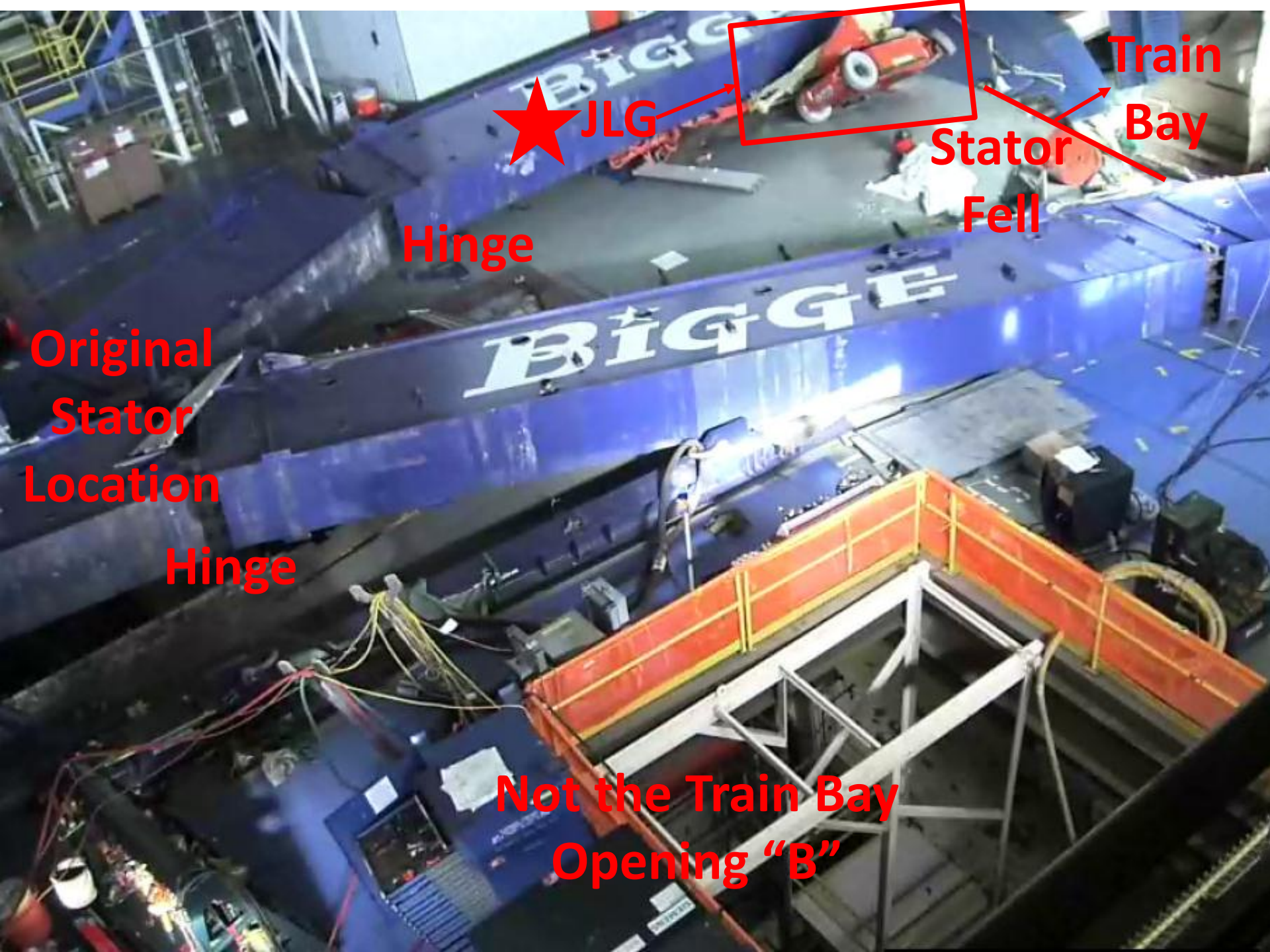
Columns were on
this side of Train
Bay - possibly on
a beam - note
concrete damage

Stator
(on it's
side)

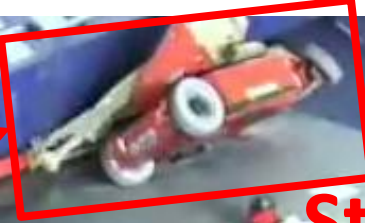
Trolley







JLG



Stator
Fell

Train
Bay

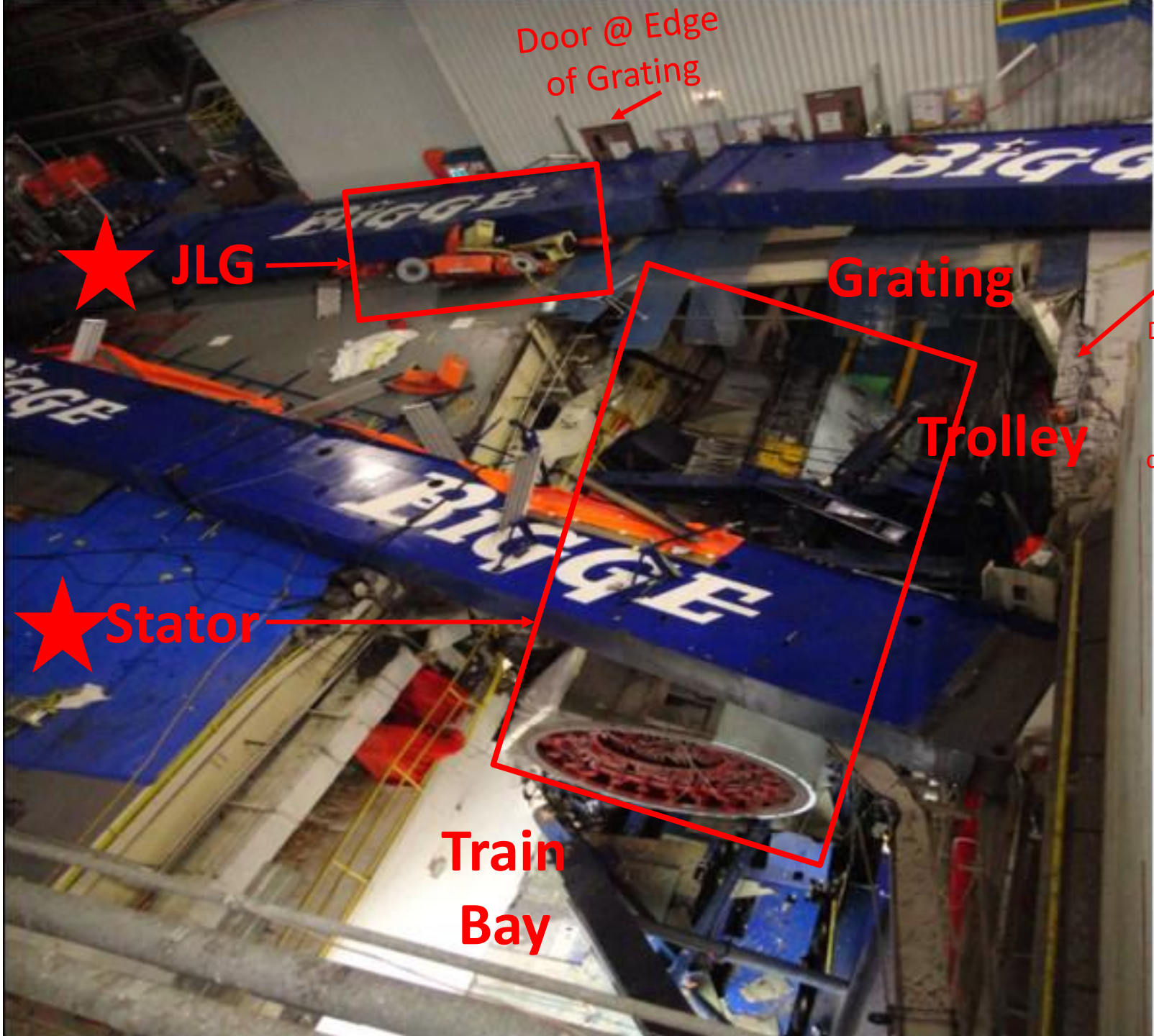
Hinge

Original
Stator
Location

Hinge

Not the Train Bay
Opening "B"

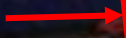




Door @ Edge of Grating



JLG



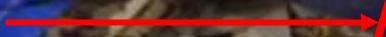
Grating

Trolley

Note Floor Damage where beam and columns were



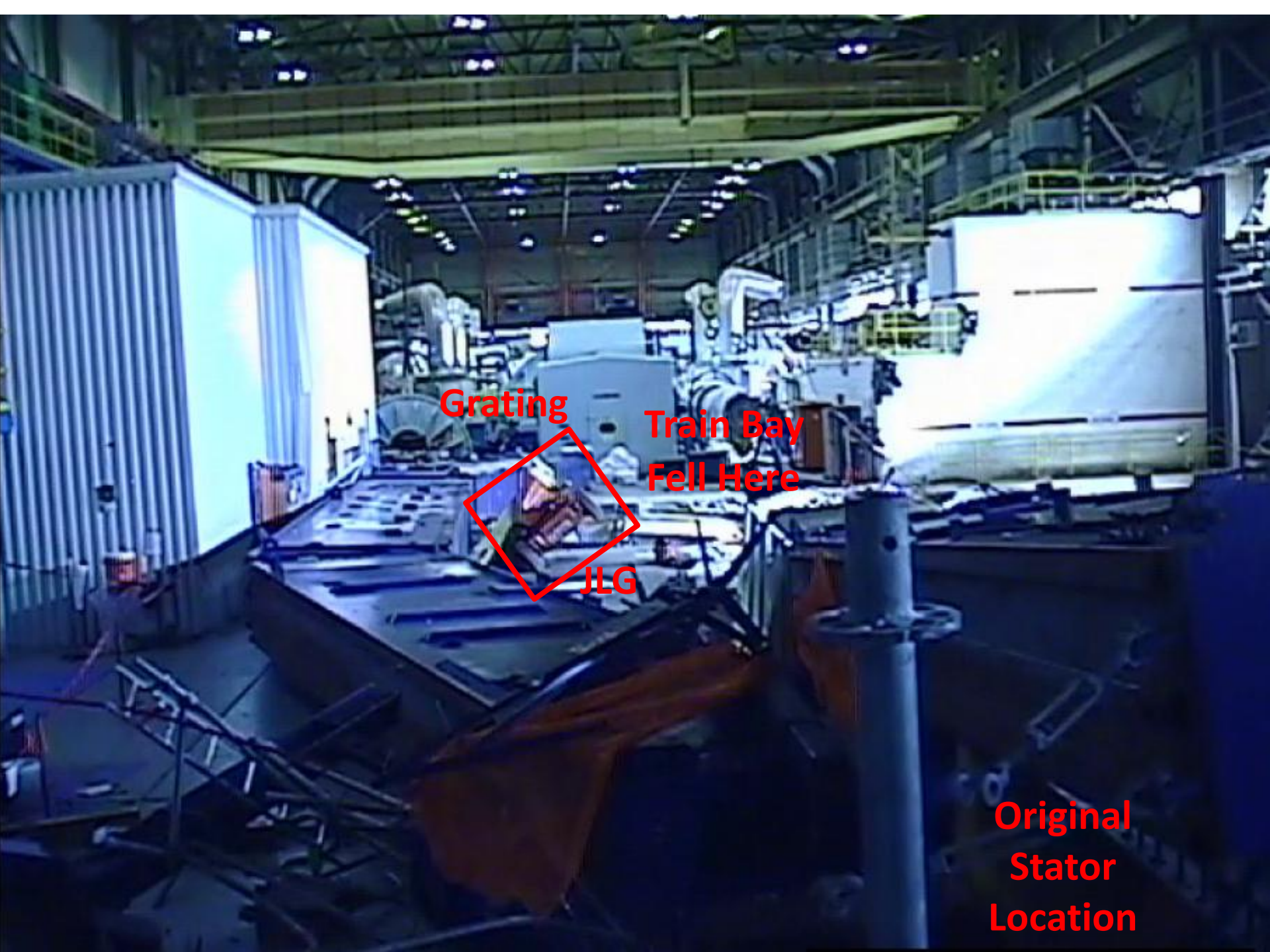
Stator



Train Bay







Grating

Train Bay
Fell Here

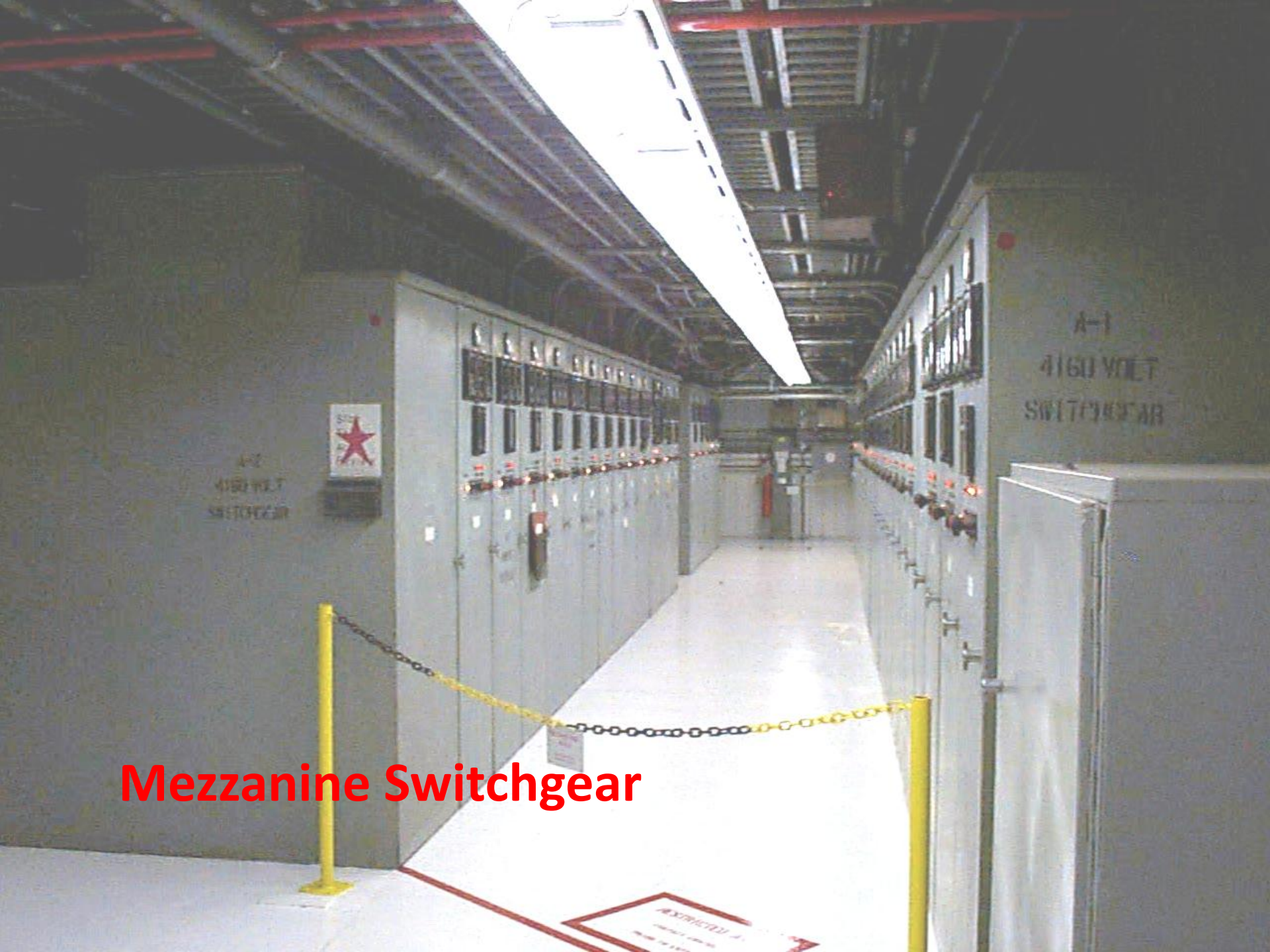
JLG

Original
Stator
Location



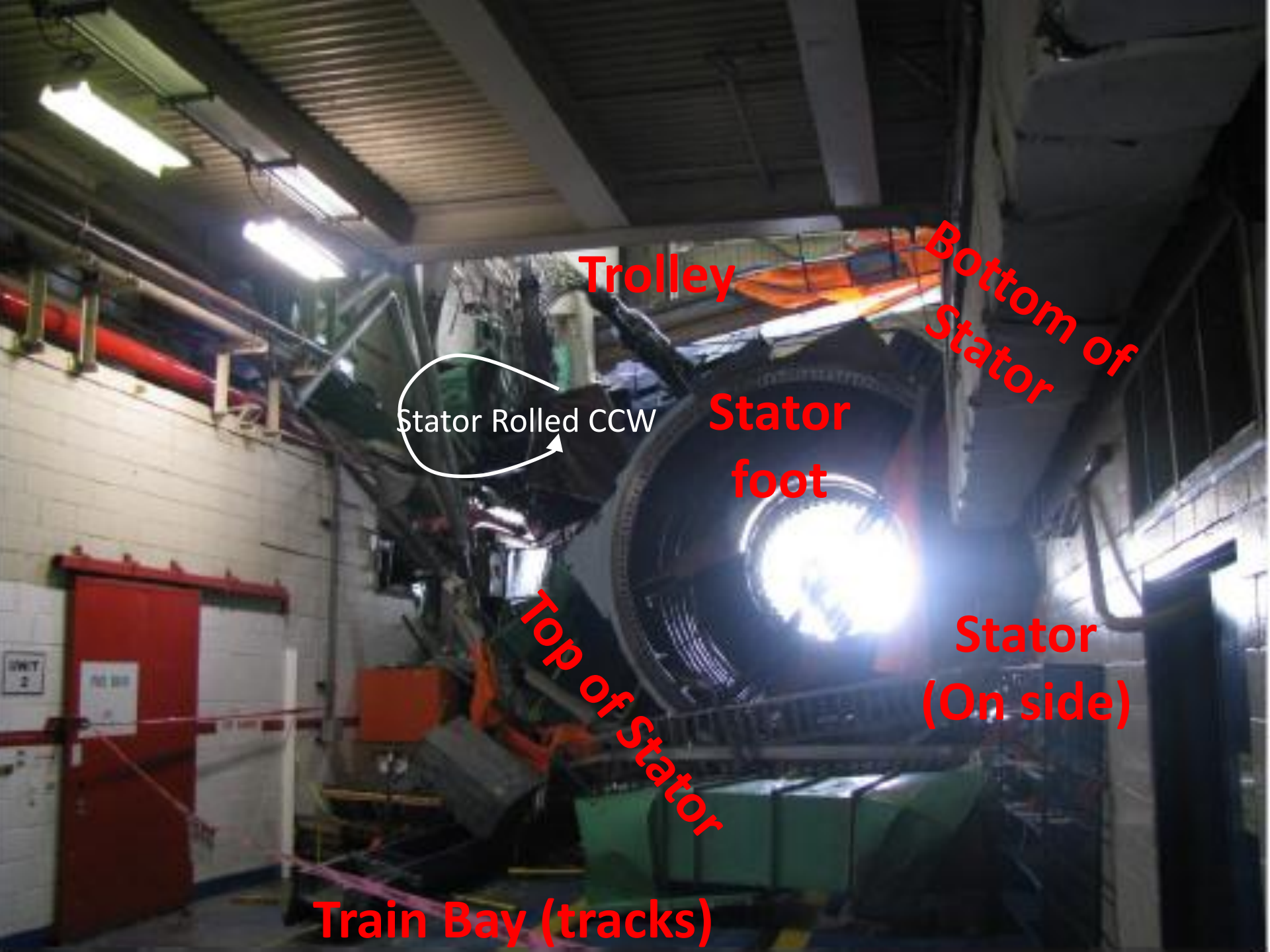
Trolley

03/30/2013



Mezzanine Switchgear





Trolley

Bottom of Stator

Stator Rolled CCW

Stator foot

Top of Stator

Stator (On side)

Train Bay (tracks)







Note possible ruptured fire water pipe/water spray just after event

Note water



**Note water has
subsided**



UNIT
1

CAUTION
CLEARANCE
20FT 10IN

MIGOR
7300-202
UNIT 10 2000 1200

Goldhofer

Stator on it's side
see foot

Stator bottom

Bigge
2700-302
WGT: 18,000 LBS.

UNIT
1
CAUTION
CLEARANCE
20FT. 10IN

Goldhoffer Trailer ??





UNIT 1

CAUTION
CLEARANCE
28FT 10 IN

CAUTION
CLEARANCE
28FT 10 IN

Blower
with
10000 BTU

SAFETY
LIMITED ACCESS
NO ENTRY





A 25-year-old Russellville man (Wade Walters / Ironworker for PSC/maintenance contractor) has been identified as the fatality victim in the accident that occurred at Arkansas Nuclear One (ANO) on Sunday morning.