

Debris Removal from the Upper part of Unit 3 Reactor Building at Fukushima Daiichi Nuclear Power Station: Removal of Steel Truss Debris

< Reference >
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Tokyo Electric Power Company

The steel truss debris in the upper part of the spent fuel pool has been removed.

At around 10:37 AM: Started the steel truss debris removal.

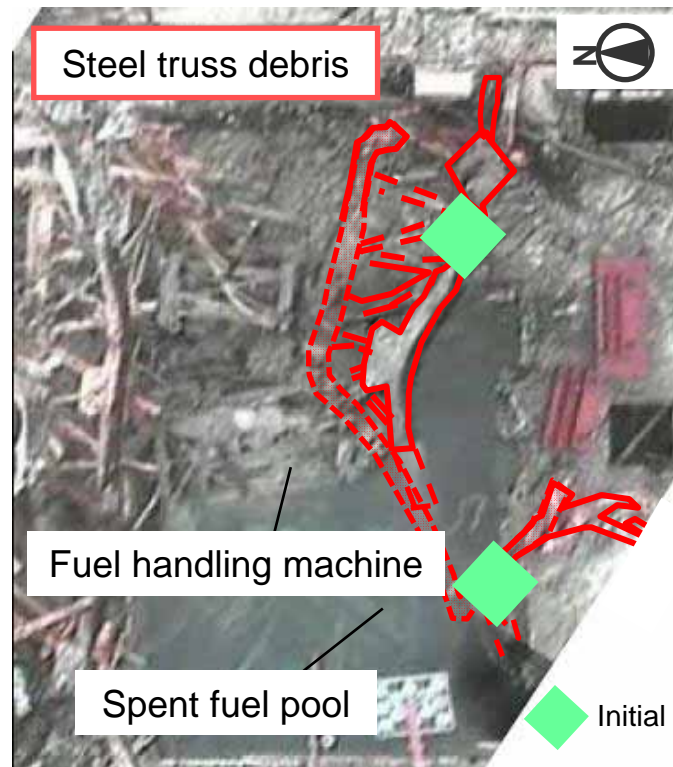
At around 1:01 PM: The steel truss debris broke into two pieces.

At around 1:09 PM: The piece in the south side of the grabbing position* (the small member indicated by ●) was removed.

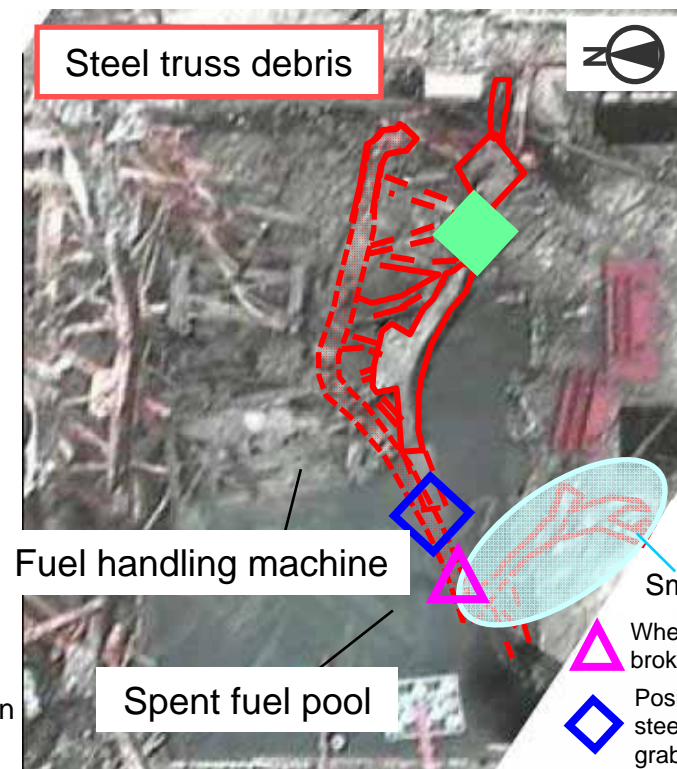
*Position grabbed by the crane

At around 1:18 PM: The other steel truss debris was grabbed again.

At around 2:06 PM: The steel truss debris removal was completed.



Spent fuel pool (Before steel truss removal)



Spent fuel pool (After the steel truss broke into two pieces)



Spent fuel pool (after steel truss removal)

As a result of monitoring the debris utilizing an underwater camera and a camera, the debris was confirmed to have no impact on the fuel rack and the pool liner.

The atmosphere doses in the upper part of the spent fuel pool before and after the debris removal work were 25.6mSv/h and 21.3mSv/h. No significant change was found with the spent fuel pool water level.



Steel truss debris (being lifted up)



Steel truss debris (after removed)