

Kim, James

**From:** Ambrosini, Josephine (R)  
**Sent:** Thursday, August 16, 2012 1:44 PM  
**To:** Kim, James; Krafty, James; Setzer, Thomas; Bellamy, Ronald  
**Subject:** RE: Millstone UHS Current Status (8/16/12)

Thanks Jim.

We've heard they are leaning towards Unit 2 restart option #2, with the earliest projected startup date being Tuesday, August 21. No formal decision has been made to restart at this time.

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**From:** Kim, James  
**Sent:** Thursday, August 16, 2012 1:31 PM  
**To:** Ambrosini, Josephine; Krafty, James; Setzer, Thomas; Bellamy, Ronald  
**Subject:** FW: Millstone UHS Current Status (8/16/12)

FYI

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**From:** Kim, James (MRC)  
**Sent:** Thursday, August 16, 2012 1:13 PM  
**To:** Wilson, George  
**Cc:** Pickett, Douglas; Coffin, Stephanie; Poole, Justin  
**Subject:** Millstone UHS Current Status (8/16/12)

Based on a phone call with the Millstone licensing manager, Bill Bartron on 8/16/12:

Current Status of UHS Water Temperature:

Unit 2 - 73.25°F  
Unit 3 - 71.7°F

Restart of Unit 2 Options:

- 1) Conservative Approach – Restart on or after 9/10/12 based on historical weather data and projections.
- 2) Less Conservative but high reliability – Restart if the 24-Hr avg. temperature is at or below 73°F for 3 consecutive days with 10 days projection of no significant UHS temperature increase.

If the UHS temperature gets near the TS limit, then the following path forward is proposed:

Unit 3: 1) NOED

2) One-Time Emergency Amendment to increase the temperature limit from 75°F to 77°F for a period of 4-8 weeks.

In discussion between Millstone and ISO New England, there would be a significant impact on the grid stability and electricity demand if both Units 2 and 3 were to shutdown. And this event may meet the NOED criteria.

Unit 2: Exigent Amendment to increase the temperature limit from 75°F to 77°F for a period of 4-8 weeks. Unit 2 is currently in Mode 5 and the emergency amendment criteria may not apply.

Millstone is currently working on the above 3 documents just in case, if the weather conditions deteriorate and preparation of these 3 documents (NOED and Emergency Amd. for Unit 3 & Exigent Amd for Unit 2) will be completed early next week (Monday or Tuesday).

Bill Bartron wants to have a phone call on Monday (8/20) to discuss any updates on the UHS issues.

Thanks  
Jim Kim