

From: Edward Lau [eslau@MIT.EDU]  
Sent: Tuesday, April 13, 2010 5:34 PM  
To: Kennedy, William  
Cc: eslau@MIT.EDU; pdsame@MIT.EDU; allanon@MIT.EDU;  
bernardj@MIT.EDU; wbm@MIT.EDU  
Subject: Re: Secondary system water usage

Dear Duke:

Current city water use, averaged over a year, is measured at about 37,000 gallons per day, rather than 51,000 gallons/day. The usage includes about 7000 gallons/day of measured blowdown, and about 30,000 gallons/day evaporation.

The blowdown number (7000) is lower than the one that you quoted (13,000) from the SAR written in 1999. The new cooling towers and their cleanup system produced a reduction in the daily blowdown. On the other hand, the daily evaporation is about the same. The 38,000 gal./day that you quoted from our 2004 correspondence is a maximum. The 30,000 here is averaged over the year.

Many thanks,

Edward Lau  
Superintendent, MIT Research Reactor  
617-253-4211

E-mail Properties  
Mail Envelope Properties (201004132134.o3DL3L024582)

Subject: Re: Secondary system water usage  
Sent Date: 4/15/2010 4:02:53 PM  
Received Date: 4/13/2010 10:16:13 PM  
From: Edward Lau

Created By: eslau@MIT.EDU

Recipients:  
William.Kennedy@nrc.gov (Kennedy, William)  
Tracking Status: None  
eslau@MIT.EDU (eslau@MIT.EDU)  
Tracking Status: None  
pdsame@MIT.EDU (pdsame@MIT.EDU)  
Tracking Status: None  
allanon@MIT.EDU (allanon@MIT.EDU)  
Tracking Status: None  
bernardj@MIT.EDU (bernardj@MIT.EDU)  
Tracking Status: None  
wbm@MIT.EDU (wbm@MIT.EDU)  
Tracking Status: None

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biohazard-cafe.mit.edu

Files	Size	Date & Time
MESSAGE	2698	4/15/2010

Options

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ReplyRequested: False

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Sensitivity: olNormal

Recipients received: