

**NON-EXELON**

ER REFERENCES TO BE DOCKETED

ATTACHMENT 13

**Ranek, Nancy L.:(GenCo-Nuc)**

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**From:** Marshall, Kathy [Kathy.Marshall@Illinois.gov]  
**Sent:** Wednesday, February 19, 2014 2:29 PM  
**To:** Ranek, Nancy L.:(GenCo-Nuc)  
**Subject:** RE: LaSalle County Station Units 1 and 2 -- Consultation about thermophilic organisms

Hi, Nancy,

I've checked with Ken McCann, our division chief who wrote the response letter to Exelon last year. He said our response would be the same. We don't have the role or the resources to evaluate levels of thermophilic organisms at each nuclear power plant cooling pond and determine if those levels are a potential source of adverse health effects. If we start to have cases of illness, we will evaluate the need to conduct further investigation.

Not sure if you've been able to talk to anyone at IEPA, but I did get the name of a person who might be able to provide some information:

*Gregg Good, Manager*  
Surface Water Section  
Bureau of Water  
Illinois Environmental Protection Agency  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
Phone: 217/782-7028  
Fax: 217/785-1225  
E-mail: [Gregg.Good@illinois.gov](mailto:Gregg.Good@illinois.gov)

Gregg is our algal bloom contact at IEPA. IEPA gets involved in harmful algal blooms through their voluntary lake management program. They use World Health Organization's recommendations on hazard levels for exposure to toxins produced by certain algae. If there are similar criteria for levels of thermophilic organisms in surface water, they may be able to provide some guidance.

I hope this helps. At least now I'll know where to go the next time I get a question like this!

Regards,  
Kathy

Kathy Marshall  
Toxicology Section  
Illinois Department of Public Health  
Division of Environmental Health  
525 W. Jefferson Street  
Springfield, IL 62761  
217-785-2045  
[kathy.marshall@illinois.gov](mailto:kathy.marshall@illinois.gov)

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**From:** Ranek, Nancy L.:(GenCo-Nuc) [<mailto:Nancy.Ranek@exeloncorp.com>]  
**Sent:** Tuesday, February 18, 2014 3:15 PM  
**To:** Marshall, Kathy  
**Subject:** LaSalle County Station Units 1 and 2 -- Consultation about thermophilic organisms

Hi Kathy –

As we discussed by phone today, Exelon Generation Company, LLC (Exelon) has plans to apply to the Nuclear Regulatory Commission (NRC) for renewal of the operating licenses for LaSalle County Station (LaSalle), Units 1 and 2. The NRC requires that the license renewal application include an environmental report assessing potential impacts from license renewal activities, including continued operations. One such impact is the "impact of the proposed action [license renewal] on public health from thermophilic organisms in the affected water" [10 CFR 51.53(c)(3)(ii)(G)]. Typically, as part of our assessment of this type of impact at our nuclear plants seeking NRC license renewal, Exelon will contact the responsible State agency by letter to describe the license renewal process and request comments from the agency about any adverse public health effects that may be related to plant operation.

As we also discussed, Exelon previously sought input on this issue from the Illinois Department of Health as it relates to renewal of the NRC operating licenses for the Byron and Braidwood Stations. I am attaching the letter that we received from Ken McCann (Chief, Division of Environmental Health) in response to our inquiry about Byron and Braidwood.

I will appreciate any help you can provide in identifying the appropriate Illinois agency with which we should consult regarding public health impacts from thermophilic organisms in waters affected by the LaSalle cooling water system discharges (Illinois River). As you have already suggested, I plan to contact the Illinois EPA, but if you discover that another contact would be more appropriate, please let me know.

Thank you for your time and assistance.

Regards,

*Nancy*

*Nancy L. Ranek  
License Renewal Environmental Lead  
Exelon Generation, LLC  
200 Exelon Way, KSA/2-E  
Kennett Square, PA 19348  
Phone: 610-765-5369  
Fax: 610-765-5658  
Email: [nancy.ranek@exeloncorp.com](mailto:nancy.ranek@exeloncorp.com)*

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