Case 14-E-0270

Petition Requesting Initiation of a Proceeding to Examine a Proposal for Continued Operation of the R.E. Ginna Nuclear Power Plant, LLC.

Hearing Exhibit 48

Rochester Gas and Electric Corporation

Petition for Initiation of a Proceeding to Examine a Proposal for Continued Operation of the R.E. Ginna Nuclear Power Plant
Case 14-E-0270

INFORMATION REQUEST

Requesting Party: Multiple Intervenors (9)

Request No.: GNP-15-009

Date of Request: March 12, 2015

Response Due: March 23, 2015

Date of Reply: March 23, 2015

Respondent: Timothy J. Lynch

Re: Multiple Intervenors' First Set of Information Requests

Question:

Confirm that the reliability concerns or issues that Rochester Gas and Electric Corporation ("RG&E") would experience as a result of the possible deactivation of the R.E. Ginna nuclear power plant are projected to be limited to the summer months. Explain the response in full. Include specific references to any reliability studies undertaken by RG&E and/or other parties that are relied upon in responding to this request.

Response:

RG&E objects to this interrogatory because it requests information that is irrelevant and outside the scope of the current phase of this proceeding (i.e., the interrogatory seeks information that does not "involv[e] the request of RG&E for Commission acceptance of a Reliability Support Services Agreement between RG&E and R.E. Ginna Nuclear Power Plant, LLC, and for approval of the allocation and recovery of the costs of that agreement.")

RG&E further objects to this information request because the term "deactivation" is vague and ambiguous. For purposes of responding to this request, RG&E is interpreting the term "deactivation" to mean the permanent retirement of an electric generation facility.

Subject to and without waiving these objections, RG&E provides the following response:

Yes, the reliability concerns that RG&E experiences as a result of the possible permanent retirement of Ginna are limited to the summer months.

In RG&E, the winter peak load values are lower than the summer peak load values and below 1200 MW. The winter conductor ratings are also higher than the summer conductor ratings.

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INFORMATION REQUEST

In 2011, RG&E experienced an all time high summer peak load of 1752 MW. After the permanent retirement of Ginna, loading above normal ratings are observed at the Station 122 bulk power transformers starting at an RG&E load level of 1430 MW. Since the winter peak load values are below 1200 MW in RG&E, loading at Station 122 remains below the normal rating after the permanent retirement of Ginna.

The worst contingency in RG&E after the disconnection of Ginna, which is N-1-1 loss of all three bulk power transformers at Station 122 (loss of a bulk power transformer followed by loss of two bulk power transformers due to a stuck breaker) shows no violations at 1200 MW RG&E load in the winter case.

Due to the fact that violations are rarely observed in the winter peak load cases, studies are normally conducted first in the summer peak load cases to screen for thermal violations.

Although there are currently no violations observed during the winter peak for system normal conditions, violations are observed beginning at an RG&E load level of 1235 MW for the N-1-1 contingency loss of all three Station 122 bulk power transformers during winter peak. In 2013, the recorded winter peak was 1,171MW.

Outside the analysis conducted to show that the winter peak load cases have no violations, no other known studies have be undertaken by RG&E or other parties.