

Ameren Missouri
Case Name: EO-2023-0448
Docket No(s): Triannual Nuclear Decommissioning

Response to Discovery Request: OPC-OPC 3001
Date of Response: 1/3/2024
Witness: N/A

Question: Please provide the probability that Ameren Missouri's nuclear decommissioning trust fund should have the minimum funds necessary to decommission the Callaway Energy Center if Ameren Missouri's nuclear decommissioning trust fund model were changed for the following scenarios:

- 1) Operating license extended to 2064;
- 2) Decommissioning cost inflation rate of 3.33%; and
- 3) Operating license extended to 2064 and a decommission cost inflation rate of 3.33%.

Response:

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Date: 01/03/2024

Subject to the objection provided on January 2, 2024, Ameren Missouri states as follows:

1. Ameren Missouri has not officially applied to extend the operating license to 2064 and therefore modeling such an outcome has not been completed.
2. The rate of Decommissioning cost inflation was varied in the stochastic modeling scenarios included in the analysis. All other assumptions being unchanged from the breakeven scenario, lowering the cost of decommissioning to 3.33% would increase the probability of success since the breakeven case the assumed Decommissioning cost inflation was 4.7%. The exact amount of the increase in probability of success is not known since the stochastic modeling did not hold the cost of inflation steady.
3. Refer to question 1 above.