

# PUBLIC SUBMISSION

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Receipt and Availability of Application for License Renewal

**Comment On:** NRC-2012-0001-0003

License Renewal Application for Callaway Plant, Unit 1, Union Electric Company; Intent to Prepare Environmental Impact Statement

**Document:** NRC-2012-0001-DRAFT-0001

Comment on FR Doc # 2012-04315

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## Submitter Information

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## General Comment

Considering the history of nuclear disasters and what happened last year to the Fukushima Daiichi nuclear plant, I believe it unwise for the United States to continue to license nuclear reactors generally. Not only is there no permanent solution to the storage of the dangerous waste which results from energy generation, but it is also a very unsafe form of energy production. The Callaway reactor is located in a flood plain, Torando Alley, and near the New Madrid fault line, making this nuclear reactor susceptible to a variety of natural disasters, which was what ultimately did in Fukushima. We know that as buildings age they weaken, and nuclear reactors are no different.

Ameren Missouri needs to focus on making Missouri more energy efficient (the last I heard we were ranked 42/50 states in efficiency) and invest in clean, renewable energy sources. Ameren's own report in 2011 said there was no need for new generation and an old coal plant could be closed if they just invested in efficiency. Instead of doing this, they sought to charge ratepayers to build a new reactor, and have cut all but about \$1 million from their renewable energy programs.

By the time the current license expires in 2024, the market for these alternative energy sources will be established, making the continued operation of a nuclear reactor inordinately expensive in comparison. No, there is no guarantee the price of solar and wind generated power will go down in the next twelve years, but history and economics tell us that as technology advances and supply and demand increase, prices go down.

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