

2010 CMRR Nuclear Facility - Operations Data Request

The purpose of this data request is to identify the impacts to any resource areas that may be different from those that were estimated at the time the CMRR EIS was prepared. It is expected that the resource areas listed to the right would not be affected differently by operations as a result of the size of the facility (impacts would occur as a result of construction, but not by operations):

land use, noise, geology and soils, ecological resources, cultural and paleontological,

Changes to visual resources are self-apparent based on the size of the building with respect to its surroundings.

For the following resource areas, if there is a difference in the expected resource area from what was used in the analysis of the CMRR facility in the 2003 EIS, please indicate the difference. Note that the values presented below for the 2003 CMRR Facility are for the nuclear facility and RLUOB combined.

Resource Area	2003 CMRR Facility	2010 CMRR Nuclear Facility
<p><u>Site Infrastructure</u> – would operation of the larger CMRR-NF result in a difference in the use of:</p> <p>Electricity – MW-hr/yr (peak in MW)</p> <p>Water – Mgal/yr</p> <p>Natural gas – million cu. ft/yr</p>	<p>19,272 (2.6)</p> <p>10.4</p> <p>unavailable</p>	<p>The follow electrical usage is from: See ARs below</p> <p>Electricity- 102,000 (15) (AR39d)</p> <p>Water- 9 (AR39q)</p> <p>Natural gas-20 (AR39i)</p>
<p><u>Workers</u> – does the large facility require more workers than originally projected? Would there be any differences expected in radiation exposure as a result of a different number of workers?</p>	<p>550 workers</p> <p>Average occupational dose – 110 mrem/yr</p>	<p>410 workers</p> <p>Average occupational dose – 140 mrem/yr</p>

