

**From:** "Alton M Beasley" <ambeasley@dukeengineering.com>  
**Date:** 5/22/01 8:48AM  
**Subject:** Re: MOX

66 FR 13794  
3/7/01  
(41)

SA still interested in response.

Alton M  
Beasley            To: "Tim Harris" <TEH@nrc.gov>  
                    cc:  
05/08/01 09:09    bcc: beasley@csranet.com,  
AM                donmoniak@earthlink.net  
                    Subject: Re: MOX(Document link: Alton M  
                              Beasley)

Didn't really answer my concerns fully: 1) At present, NO US reactors are licensed for MOX fuel -- what happens if McGuire and Catawba can not meet license requirements? Wouldn't it be better to have a nuclear reactor MOX license BEFORE building a plant to make fuel for it? 2) What if McGuire and Catawba licenses are not extended? 3) How much pure Pu does each reactor use each year in normal operations? 4) If first fuel could only be used in 2007, then what year would last be used? 5) What happens if Duke decides it is not economically practical to do maintenance on these reactors (e.g. steam generator replacement) and shuts them down early? Are they required by enforceable contract to keep them running no-matter-what until all MOX fuel has been used? 6) At this point it appears there could be excess MOX fuel -- what will be done with it? Sold to foreign companies, sent to vitrification, left sitting at SRS....  
Please respond

"Tim Harris"  
<TEH@nrc.gov>    To: <ambeasley@dukeengineering.com>  
                    cc: <bhaddock@augustachronicle.com>  
05/07/01            bcc:  
07:47 AM            Subject: Re: MOX

Duke is planning to request license renewals this summer for the McGuire = and Catawba plants. MOX fuel is not scheduled to be used until at least = 2007. At the current time, all MOX fuel would be used at these reactors.

>>> "Alton M Beasley" <ambeasley@dukeengineering.com> 04/18/01 11:14AM >>>  
Since VA Power pulled out of this project and Duke will not use this fuel

Template = ADM-013

E-RFDS = ADM-03  
Call = T. HARRIS (TEH)

in all of their reactors, it appears that Duke's NRC License will expire before a fraction of the fuel can be used. What will be done with this excess fuel?

Alton McCoy Beasley  
740 Old Dibble Road  
Aiken, Sc 29803  
(803) 649 - 0077

**CC:** <TEH@nrc.gov>