

PBMR TAC Numbers

7/17/01

The attached lists show Technical Assignment Control (TAC) numbers by program office (NMSS, NRR, and RES) for activities associated with the following:

1. **Construction authorization request (CAR) for the MOX fuel fabrication facility (FFF)**  
Applicant: Duke Cogema Stone & Webster (DCS)  
Docket Number: 070-03098  
Lead office/contact: NMSS/Eric Leeds
2. **Use of MOX fuel in an operating power reactor**  
Applicant: Duke Energy Corporation  
Docket number: 050-00369  
Lead office/contact: NRR/Robert Martin
3. **Pre-application review of Pebble-Bed Modular Reactor (PBMR)**  
Applicant: Exelon Generation Corporation  
Project number: 000-00713  
Lead program office/contacts: NRR/Diane Jackson and Amy Cubbage
4. **Advance Gas Reactor Framework Technology and Fuel Evaluation**  
Applicant: Department of Energy (DOE)  
Project number: 000-00715 for DOE reimbursable agreement  
Lead office/contact: RES/Tom King and Stu Rubin

RES has control over the reimbursable funds. Reimbursable activities include (1) work to assess the technical and safety issues associated with the technology that supports advance high temperature gas reactors (HTGR), such as Pebble Bed Modular Reactor, (PBMR) and Gas Turbine Modular Helium Reactor (GT-MHR); (2) assess adequacy of HTGR safety, transient and neutronics codes for modeling, data and verification; (3) Participation in International gas reactor safety activities (travel); and (4) Development and implementation of a HTGR fuel qualification program. **ALL TACs THAT ARE IDENTIFIED AS REIMBURSABLE SHOULD BE CODED WITH A "N" - NOT FEE BILLABLE UNDER PART 170.**

Each program office may use each others TAC numbers or they may open their own TAC numbers assuring that the appropriate docket/project number is assigned to the TAC. The docket/project number indicates who is invoiced. The reimbursable work is not fee billable under Part 170 and is not to be coded with a fee flag of "Y" and is not to be reported to the Fee Branch, OCFO. All reimbursable costs will be reported quarterly to Joel Dorfman, OCFO.

C/48

## **RESEARCH TACs**

### **FOR CONSTRUCTION AUTHORIZATION REQUEST (CAR) MOX FFF**

**K81154 - DEVELOP AGENCY PROGRAM PLAN FOR MOX FUEL**

**DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster**

**FEE FLAG = Y (need to change flag)**

**K81200 - DEVELOP AGENCY PROGRAM PLAN ON MOX FUEL (USER NEED)**

**DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster**

**FEE FLAG = Y (need to change flag)**

**K81201 - IMPROVE T/H CODES TO QUANTIFY MARGINS (MOX)**

**DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster**

**FEE FLAG = Y (need to change flag)**

**K81262 - DIRECT REVIEW OF THE MOX APPLICATION**

**DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster**

**FEE FLAG = Y**

### **FOR PEBBLE MODULAR REACTOR**

**K81256 - PRE-APPLICATION REVIEW OF PEBBLE-BED MODULAR (PBMR)**

**PROJECT NUMBER: 000-00713 (Exelon Generation Corp.)**

**FEE FLAG = Y**

**K81263 - PEBBLE BED MODULAR (PBMR) SUPPORT (NON-FEE)**

**PROJECT NUMBER: 000-00713 (Exelon Generation Corp.)**

**FEE FLAG = N (TAC should be closed)**

### **FOR ADVANCE GAS REACTOR FRAMEWORK TECHNOLOGY & FUEL EVAL.**

**K81261- HTGR TECHNOLOGY (DOE-REIMBURSABLE)**

**PROJECT NUMBER = 000-00715**

**FEE FLAG = N (need to change flag) (Not fee billable under Part 170)**

**K81265 - PERFORM PRE-APPLICATION REVIEW OF GT-MHR (DOE-REIMBURSABLE)**

**PROJECT NUMBER = 000-00715**

**FEE FLAG = N (need to change flag) (Not fee billable under Part 170)**

## **NRR TACs**

### **FOR USE OF MIXED OXIDE FUEL**

MA5425/MA5426, MCGUIRE 1 AND 2 - FUTURE USE OF MIXED OXIDE FUEL (MOX)  
DOCKET NUMBER = 050-00369  
FEE FLAG = Y

MA5947 - MIXED OXIDE FUEL  
DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster  
FEE FLAG = N (verify activities)

MA6443 - GENERAL REVIEW OF MOX UTILIZATION  
DOCKET NUMBER = 070-03098 Duke Cogema Stone&Webster  
FEE FLAG = N (verify activities)

MA6980 HELP NMSS DEVELOP SRP SECTIONS FOR MOX FFF (should be closed)  
FEE FLAG = N (NRR hours should be transferred to L20356)

### **FOR PEBBLE-BED MODULAR REACTOR (PBMR)**

MB1759 - PROJECT MANAGEMENT: PRE-APPLICATION REVIEW OF PEBBLE BED  
MODULAR REACTOR (PBMR)  
PROJECT NUMBER: 000-00713 (Exelon Generation Corp.)  
FEE FLAG = Y