

## Macro-command PERM\_MAC3COEUR

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### 1 Drank

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Macro-command making it possible to manage the permutation of the fuel assemblies between 2 cycles of irradiation.

## 2 Syntax

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```
U = PERM_MAC3COEUR (
  ◆TYPE_COEUR=type          of heart to treating          [K]
                          /"MONO",
                          /"TEST",
                          /"900",
                          /"1300",
                          /"N4",
                          /"EPR",

  Counts containing information of the engine to the cycle  $N$ 
  ◆TABLE_N=                  Result [array]

  ] cycle  $N$  containing information before permutation
  ◆RESU_N=                    [result]

  Counts containing information of the engine to cycle  $N + 1$ 
  ◆TABLE_NP1=                 [array]

  Mesh of the engine to the cycle  $N + 1$ 
  ◆MAILLAGE_NP1=              [mesh]
                                )

U is of evol_noli type.
```

## 3 Operands

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### 3.1 Operand TYPE\_COEUR

Name of the type of heart to treating.

### 3.2 Operand TABLE\_N

Counts containing the information of the assemblies (position and design mainly) at the end of the cycle  $N$ .

### 3.3 Operand RESU

Result at the end of the cycle  $N$  containing information to be permuted to define the initial state of the cycle  $N + 1$ .

### 3.4 Operand TABLE\_NP1

Counts containing the information of the assemblies (position and design mainly) at the end of the cycle  $N + 1$ .

#### 3.4.1 Operand MAILLAGE\_NP1

Mesh corresponding to the description of the heart to the cycle  $N + 1$ .