Global Energy Policy Research | GEPR

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?? ??? · Tuesday, November 8th, 2016

1954????????????????

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??????????????????????????48?????????????????????????????10?23??????????????48??????6000???

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???239?Pu249???Pu240?Pu241???????????????????

???Pu239???????93%??Pu239????50?60???Pu240????????????????????????????????????

?1????????????

分類	Pu240の含有率	兵器への利用可能性
スーパー級	＜3％	最適
兵器級	3-7％	標準的材料
燃料級	7-18％	利用可能　核実験実績あり）
原子炉級	18-30％	おそらく利用可能　核実験実績なし）
MOX級	＞30％	現実的に利用不可能

ブルーノ・ペロー論文（INMM Fall 2002）より

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???235?U235??Pu239????????????????????????????????2?3??????????????????????U235?Pu239??

U235?Pu239??2?3??

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??2??

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??10??1??????

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1994?6?27?????????????????????????DOE???1962??????????????????????????????????????20??????????????????????3??

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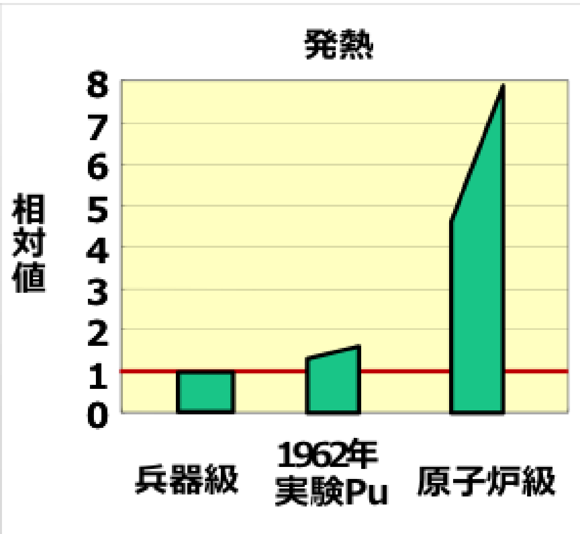
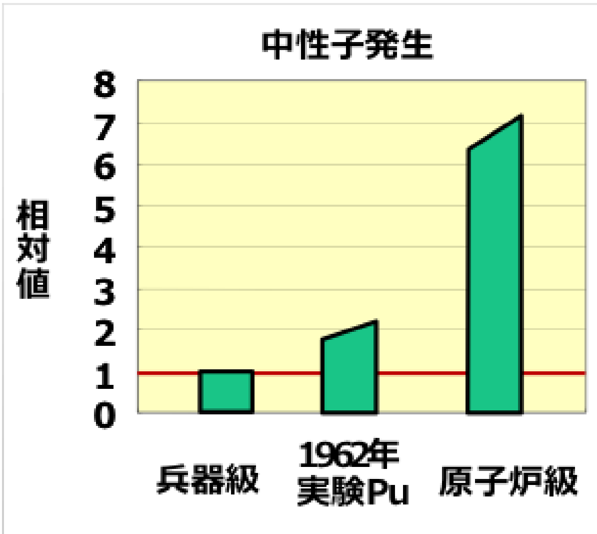
??2????

???1994??DOE??DOE??????????????????????????

??2?1962??????????????????????





DOE??????

DOE?????1994?5??DOE???????????????????NRDC??

??????????????????NGO??????NCI???

???20??4??2013?11?10?????????

??DOE????????1980?????DOE??2001?????????????????1962??????????????minuscule??

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??10??????????????5????????????????8??????90?150??100????????????????????100?????????????????????

???50??

??????????????????????????????????NCI????????????????????1990??????“??”??

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??9??1?????????

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??1??Pu239, Pu241??Pu238, Pu240, Pu242???Pu239????50?60????????????????????????

??2????235???

??3????????????????1977???????????????????????????????????

??4??

??5???

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