Global Energy Policy Research | GEPR

GEPR??
????http://agorajp.com/???
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?? ?? · Wednesday, June 30th, 2021

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????????????????????????????????????(European Pressurized Reactor: EPR?????175?kW)?2?????????

??????1???????6?14??CNN????????????????????????????????????6?24???????????????????????????? ????[?1)]??



?1??????????©? ???????????CGN?

??????????????CNN????6?15??SankeiBiz????????????????????????SankeiBiz????????????[22]
?

> *??EDF??14??????1???1*
> *??*

?????2????

1. 1????(1?????)??
2. ???????(Xe?Kr??)????????????1??

????????????????

??(Xe)
??????(Kr)????(I)????????????????(Cr)?????(Mn)??(Fe)?????(Cs)????????(Sr)????????????????????
???????????(???????)??????????????????????????

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

EPR?????????7????????????????????1cm????????5???????[23]????????????????????????????????????
????????????1????

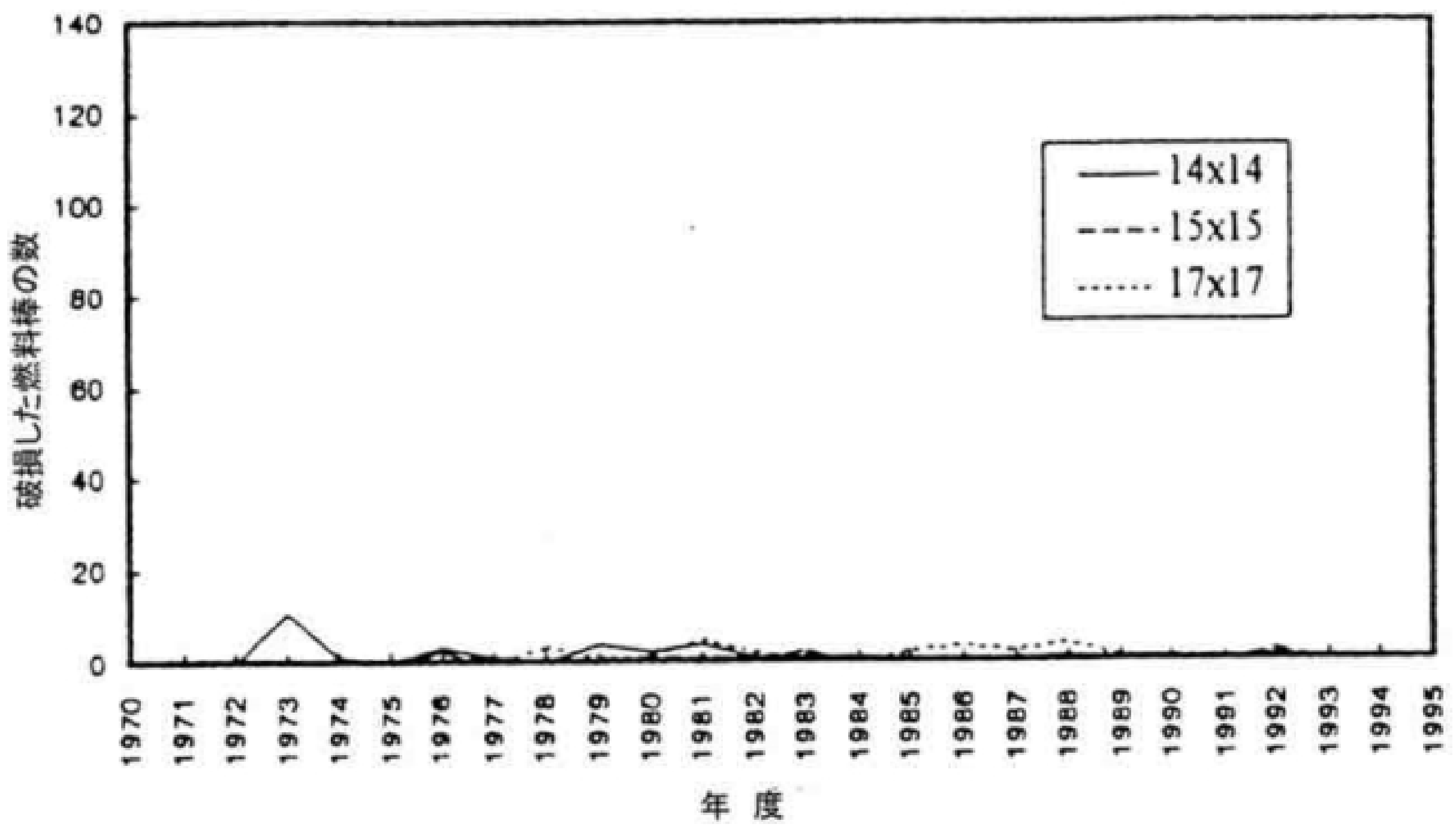
破損原因	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999*
取扱中の損傷		6	2			1	1		2		
異物	146	11	67	20	13	6	10	1	10	3	
グリッド・フレッティング	14	18	9	33	36	9	33	52	21	57	5
水素化		1		4							
クラッドによる腐食							4		4		
被覆管の扁平化							1				
製造時の欠陥	1	15	1	5	3	1	15	5			1
水圧による					1					2	
調査中／不明					36	36	13	9	10	2	1
未調査	43	58	35	61	14	3	12	3	8		3
合計	204	109	114	123	103	56	89	70	55	64	10

?1????????????????????©?Atomica[24]?

????????????????????????????????????(???????????????)????????????????????????????????????
??

?2???????????(PWR)????????????????????1973???10??

?????????????????????????????????????



?2????PWR???????????

??????1????5??????????????????????

????????????????????EPR??

?1?https://www.nikkei.com/nkd/industry/article/?DisplayType=1&n_m_code=012&ng=DGXZQODK23CN60T20C21A6000000
?2?https://www.sankeibiz.jp/macro/news/210615/mcb2106151008009-n1.htm
?3?https://www.nrc.gov/docs/ML0522/ML052280170.pdf
?4?https://atomica.jaea.go.jp/data/pict/02/02070216/03.gif

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