

Rulemaking1CEm Resource

From: RulemakingComments Resource
Sent: Tuesday, April 08, 2014 4:41 PM
To: Rulemaking1CEm Resource
Cc: RulemakingComments Resource
Subject: FW: Strange reference to Baker-Just

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SECY DOCKET DATE: 04/03/14

TITLE: Performance-Based Emergency Core Cooling Systems Cladding
Acceptance Criteria

COMMENT#: 01

From: Bobleyse@aol.com [<mailto:Bobleyse@aol.com>]

Sent: Wednesday, April 02, 2014 9:10 PM

To: Inverso, Tara

Subject: Strange reference to Baker-Just

A Strange reference to Baker-Just

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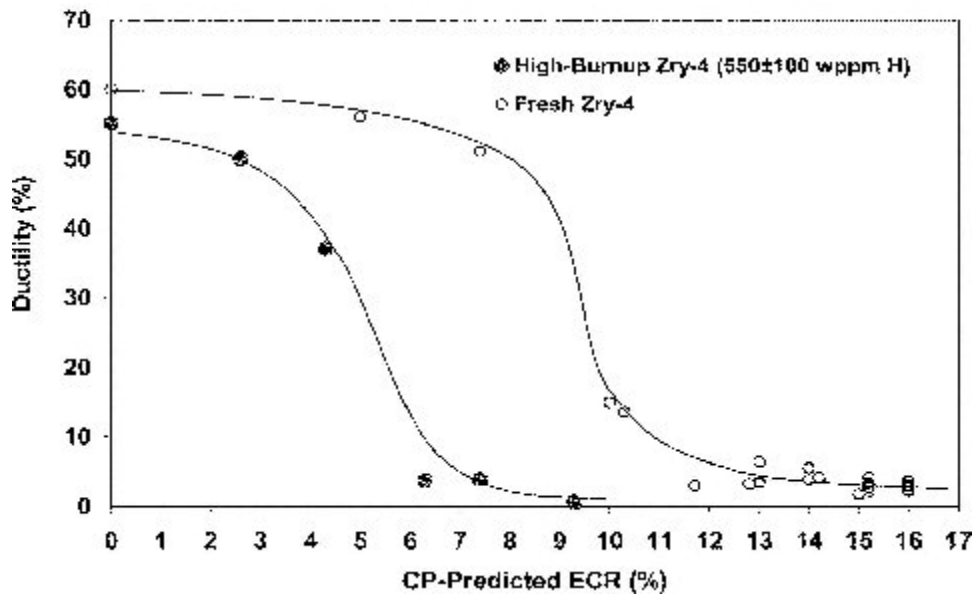
For this case, appendix K to 10 CFR part
50 ECCS evaluation models would
continue to use the Baker-Just (BJ)
weight gain correlation for estimating
the rate of energy release and hydrogen
generation from the metal/water
reaction.

It is strange that BJ is deployed, because neither Baker-Just nor BJ is used elsewhere in the entire document.

Furthermore, it is strange that only Cathcart-Pawel is used in Figure 1; there is no comparison with Baker-Just:

FIGURE 1: Measured Offset Strains

(Source: NUREG/CR-6967)



Robert H. Leyse

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