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Washington
DC 20555

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Duckworth
7-15-82 27705
FREEDOM OF INFORMATION
ACT REQUEST
FOIA-82-313
Rec'd 7-20-82

Dear Joseph Felton

This is a request under the Freedom of Information Act for the following info related to pins designed to hold Neutron shielding pads in place under accident conditions (when bolts may fail) Ref. Dockets 50-400/401 ISAR, special pre-hearing conf transcript 7.14.82 (pm) re Edleman Contention 46.

(1) List briefly (or supply copies if the info is not public yet) the most up-to-date NRC analysis of the adequacy of such pinning systems. This includes staff memos, NUREGs, NUREG/CRs + other reports - but only a few that cover it the best + most up to date.

(2) Any info on bolt cracking + neutron shields coming loose. I suggest Dr Stephen Hanauer's "Nugget File" as a starting point. Also your safety analysis of LERs may have an item like this (e.g. is the neutron shield a separate system?)

(over)

(3) ^{memos, letters} AND analysis, board notifications,
I + E info Notices or reports on
the problem of neutron shields
coming loose (e.g. from cracked
bolts that hold them up) + blocking
coolant flow. Again, a short list
of the most relevant public documents
+ copies of any not yet made public,
will suffice. Have you any vibration analysis
or analysis of thermal + radiation effects on the pins, i.e.
embrittlement, corrosion? If so, please list or supply.

This info is requested in order
to check the factual basis of
Applicants' representation that
the pins in the Shearon Harris
design (50-400/401 dockets) will hold
the ^{neutron} shielding pads in place even

if the bolts on the pads fail. This question
is part of an intervention by me in
an NRC licensing case, which is in
the public interest (see, e.g. Special
Inquiry Group [Rogovin] Report, Kemeny
Commission Report). I therefore request
you waive all fees for copying, search, etc.
I have tried to narrow this down
as much as I can. Any questions, please
call me at 919-286-3076

Wells Eddleman
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