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UNITED STATES OF AMERICA
ATOMIC ENERGY COMMISSION

:
In the matter of: :
:
ACCEPTANCE CRITERIA FOR :
EMERGENCY CORE COOLING SYSTEMS: :
FOR LIGHT WATER COOLED :
NUCLEAR POWER REACTORS :

Docket No. RM 50-1

Auditorium,
8120 Woodmont Avenue,
Bethesda, Maryland.

Wednesday, 1 March 1972.

Hearing in the above-entitled matter was reconvened,
pursuant to adjournment, at 9:00 a.m.

BEYOND:

- NATHANIEL H. GOODRICH, Esq., Chairman.
- DR. JOHN H. BUCK, Member.
- DR. LAWRENCE R. QUARLES, Member. (Not present.)

APPEARANCES:

(As heretofore noted.)

NO. 2 to
EXHIBIT C

1 you prepared?

2 MR. HALSCH: Shortly I will be. I am just getting
3 copies of the documents myself.

4 CHAIRMAN GOODRICH: Why don't you go ahead,
5 Mr. Cowan, just to save time.

6 MR. COMEN: Mr. Chairman, Document Number 7379L,
7 otherwise referred to in this hearing as Number 231, is in
8 two volumes. Of the two volumes, Volume 1 is considered pro-
9 prietary by Westinghouse. On January 22nd, 1972, by letter
10 from me to Mr. Cherry, I so indicated with respect to Volume
11 1 of WCAP-7379L.

12 In addition, in the affidavit of Mr. Wieseemann
13 which was incorporated in the record of this proceeding as if
14 read at pages 3706 through 3711 of the transcript, it is
15 indicated that Volume 1 of WCAP-7379L is one of the Westinghouse
16 documents which has been classified as proprietary pursuant to
17 the procedures set forth by Mr. Wieseemann in his testimony and
18 in accordance with the standards and criteria utilized by
19 Westinghouse pursuant to those procedures. It is a document
20 customarily held in confidence by Westinghouse.

21 WCAP-7495L similarly has two volumes, both of
22 which are considered proprietary by Westinghouse. Again the
23 same letter of January 22nd, 1972 from me to Mr. Cherry to
24 which I referred a few moments ago enclosed copies of the
25 two volumes of WCAP-7495L.

3 1 Further, the affidavit of Mr. Wieseemann refers to
2 WCAP-7495E as being the report -- two of the reports which have
3 been classified by Westinghouse as proprietary pursuant to the
4 procedures set forth in Mr. Wieseemann's testimony and applying
5 the standards and criteria explained in that testimony.

6 WCAP-7495E, Volumes 1 and 2, are documents customari-
7 ly held in confidence by Westinghouse.

8 CHAIRMAN GOODRICH: When you say that the documents
9 which you have identified are customarily held in confidence,
10 are we to understand correctly that you are referring only to
11 portions of these documents that have been identified as
12 containing essentially proprietary information?

13 We do have index sheets to each of these documents
14 that identify only certain portions as containing proprietary
15 information.

16 MR. COYNE: Westinghouse customarily holds the
17 entirety of these documents in confidence. However, for
18 purposes of this hearing we have identified the information
19 within these documents which I gather is listed on the sheets
20 which the Board has as being the -- quote -- "proprietary" --
21 close quote -- information in these documents and it is that
22 material which we are asserting here and which I am representing
23 here to be proprietary.

24 DR. DUCK: Just to clarify, I went through the
25 documents or the list of pages of classified items. That's

1 give Westinghouse an opportunity to comment on that inquiry.

2 MR. COWAN: Could I hear that question?

3 DR. BUCK: He said that there was-- I think it was
4 my question he was answering.

5 MR. COWAN: I heard the prior question. I just did
6 not hear the last inquiry.

7 DR. BUCK: My last question was: He said there is
8 a point of data which is proprietary with Westinghouse beyond
9 the 1200 pounds per square inch pressure. And my question to
10 him was can he, without revealing proprietary information,
11 give us an order of magnitude as to whether it is up or down
12 from the data given at 1950.

13 If that is getting too close to proprietary, I will
14 withdraw the question.

15 DR. KENDALL: Dr. Buck, could you add to your ques-
16 tion, if you would, that Westinghouse identify the internal
17 pressure at which the test was carried out?

18 DR. BUCK: We may have to get into an in camera
19 hearing to answer that question.

20 Hold it while they figure out whether my question
21 is permissible or not.

22 MR. COWAN: Dr. Buck, I have been advised by our
23 people that it is a matter of public record that the maximum
24 blockage is on the order of 50 percent in the Westinghouse
25 documents and as long as the witnesses stay away from the

1 specific conditions, they can answer within the framework
2 that I have just described that is public.

3 DR. BUCK: Perhaps that answers the question.

4 MR. COWAN: Does that help--

5 DR. BUCK: Within that bounds, see if you can
6 answer the question, will you, Mr. Ross?

7 WITNESS ROSS: Okay. Let's go back to 00 again.

8 You have to realize that there is another curve
9 you have to use in connection with this. It's the curve that
10 tells you whether you have failed or not. It has temperature
11 as an ordinate and pressure as an abscissa. And the tempera-
12 ture--

13 BY DR. KENDALL:

14 Q In your answer, Mr. Ross, let us leave out the
15 question of whether temperature is adequate in a particular
16 accident to develop this swelling and rupture, and simply
17 assume that it would be, and let us identify the relevant
18 curve on here which you believe to be--

19 A (Mr. Ross) We can do that up to a point, but when
20 the temperature and pressure got above 2300, then we would
21 have to take temperature into account; to wit., what happened
22 above 2300 would be moot since the criteria would prohibit
23 that.

24 Q Would you outline the curve as you started, with-
25 out temperature limitations?