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1 Sayers
2 were pitches associated from cooking the wood used
3 to deposit onto the forming press and dryer fabrics
4 on the paper machine and cause imperfections in the
5 sheet.
6 Q. So it would extend the titanium?
7 A. Yes.
8 MR. LANIER: Objection to leading.
9 MR. BROWNSON: Objection, leading.
10 Q. Did I understand correctly that was
11 one thing it would do?
12 MR. LANIER: Objection, form.
13 A. Can I just complete the --
14 Q. Certainly.
15 A. -- second part?
16 The industry, paper industry at that
17 time was buying what was called mistron vapor,
18 which was a talc, which was chemically identical to
19 the Calidria asbestos the whole idea was to absorb
20 the pitches onto the talc and take it through the
21 sheet in fine divided form, and asbestos worked
22 even better than talc.
23 Q. Were other types of asbestos being used
24 in the paper industry at this point?
25 A. Yes, but not for this purpose. They

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1 Sayers
2 were inappropriate.
3 Q. Why is that?
4 A. They were too large.
5 Q. They didn't work in this kind of
6 application?
7 MR. LANIER: Objection to form.
8 A. They couldn't have worked.
9 Q. Mr. Sayers, did Calidria asbestos have
10 any effect on the discharge or the waste discharge
11 in the paper industry?
12 A. Yes, because it was a true retention aid
13 through its positive charge, it retained the
14 inorganic fillers much better.
15 Q. So there was less discharge?
16 A. There was.
17 MR. LANIER: Objection, form.
18 Q. Mr. Sayers, did you look at other
19 potential applications for Calidria asbestos at
20 this time?
21 A. Yes, later on. Primary involvement was
22 with the paper industry in the early days, and as a
23 new grade arrived, we started to look at other
24 industries.
25 Q. Can you tell me some of the other

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1 Sayers
2 applications that you were looking at for Union
3 Carbide's asbestos?
4 A. Yes. We were looking at the service
5 coating industry, sealants, mastics, and we were
6 even looking at the fire industry as well.
7 Q. What would the Calidria asbestos do in
8 the fire industry?
9 A. Retain the water that was sprayed onto a
10 fire.
11 Q. Was there any investigation of sewage
12 treatment usage?
13 A. There certainly was in the States but
14 not in the U.K.
15 Q. Was there anything different about Union
16 Carbide's asbestos from other types of asbestos
17 that had a bearing on what applications it might be
18 used for?
19 A. Yes. It was the degree of purity.
20 There was an absence of gang because it had been
21 hydroprepared, and also obviously the smallness of
22 the fiber enabled it to function.
23 Q. Was there any difference in terms of
24 surface area versus other types of asbestos?
25 A. Yes, appreciably greater surface area.

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1 Sayers
2 Q. In the Union Carbide?
3 A. Yes. That's why it absorbed the pitch.
4 Q. How were the results of your initial
5 sales efforts to the paper industry?
6 A. I think the answer to that is mixed. We
7 had some successes, but we also had some failures.
8 Q. Returning to Exhibit 1, your memorandum,
9 what event or events happened that caused you to
10 look into the question of asbestos and health?
11 A. Well, the principal event was a BBC
12 television program in early January called
13 Panorama, a serious documentary program that still
14 runs today. That displayed the problems of
15 importation of asbestos through London docks. It
16 concentrated on the blue asbestos crocidolite
17 primarily.
18 Q. When did that program air on television?
19 A. About the 14th of January.
20 Q. Of what year?
21 A. Of 1965 -- '67.
22 Q. At that time in England how many
23 television channels were there?
24 A. Only three; two BBC and one independent.
25 MR. WILL: Let me go off the record for