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SUPERIOR COURT OF THE STATE OF CALIFORNIA

FOR THE COUNTY OF SAN BERNARDINO

THE PEOPLE OF THE STATE )  
OF CALIFORNIA, )

Plaintiff, )

vs. )

KEVIN COOPER, )

Defendant. )

NO. OCR-9319

VOLUME 61

Pgs. 6438 thru 6513

REPORTERS' DAILY TRANSCRIPT

BEFORE HONORABLE RICHARD C. GARNER, JUDGE

DEPARTMENT 3 - ONTARIO, CALIFORNIA

Monday, August 13, 1984

APPEARANCES:

For the People:

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District Attorney

DENNIS KOTTMEIER  
District Attorney  
By: JOHN P. KOCHIS  
Deputy District Attorney

For the Defendant:

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Monday, August 13, 1984  
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1 ONTARIO, CALIFORNIA; MONDAY, AUGUST 13, 1984; 10:10 A.M.

2 DEPARTMENT NO. 3

HON. RICHARD C. GARNER, JUDGE

3 APPEARANCES:

4 The defendant with his Counsel, DAVID  
5 NEGUS, Deputy Public Defender of San  
6 Bernardino County; DENNIS KOTTMEIER,  
7 District Attorney of San Bernardino  
8 County, JOHN P. KOCHIS, Deputy District  
9 Attorney of San Bernardino County  
10 representing the People of the State  
11 of California.

12 (Jill D. McKimmey, C.S.R., Official Reporter, C-2314,  
13 Brian Ratekin, C.S.R., Official Reporter, C-3715)

14  
15 THE COURT: Defendant and all counsel are present in  
16 the case of People versus Kevin Cooper.

17 How do you want to proceed?

18 MR. KOCHIS: Well, Your Honor, before we start with  
19 Mr. Gregonis, I believe Mr. Negus wants to address you on  
20 two issues that are not related to serology, and the reason  
21 he wishes to address those issues at this time is so he  
22 doesn't forget about them.

23 THE COURT: Okay.

24 MR. NEGUS: Mr. Forbush and I looked at Department 30  
25 last Friday.

26 THE COURT: Oh, did you?

0-1-3-1-3-3-0

1 MR. NEGUS: There are 36 seats in the audience, and  
2 15 in the jury box, total of 51. It's -- it's a fairly small  
3 courtroom, considerably smaller than this particular court-  
4 room, so I don't think there's any way that you're going to  
5 get 60 people into that courtroom as far as --

6 THE COURT: I'm stuck with that courtroom. I can't  
7 avoid the courtroom, so we may have to change our logistics  
8 then.

9 MR. NEGUS: That's why I wanted to bring it to your  
10 attention, because I know you were planning on getting 60  
11 people in there, and it's a small courtroom, and they don't --  
12 there's not room for much more than those 36 people plus  
13 whatever you put in the box.

14 THE COURT: Well, the 15 would become 16, so it would  
15 make 52 people have seats. We can't put them inside the  
16 railing, I don't think, in this case. I may be able to  
17 put another row of seats. We'd only need another eight more  
18 in front of a jury box.

19 MR. NEGUS: You're not going to be able to do it.

20 THE COURT: We're going to start. We'd throw them  
21 out in a hurry.

22 MR. NEGUS: You're not -- well, I'm sure that whoever's  
23 in charge of the security would not be very happy. What  
24 you've got is you've got a counsel table, and the lead  
25 prosecutor is going to be sitting almost in the lap of the --

26 THE COURT: Mr. Negus, I'll have to take another look

1 at it, but I only have to squeeze in another eight to do it,  
2 another row of chairs along the aisles or something like  
3 that. Four on each side wouldn't be impossible. I have to  
4 look at it again to figure it out.

5 MR. NEGUS: I'm just warning you --

6 THE COURT: They can stand, if nothing else, for a  
7 short time.

8 MR. NEGUS: I'm just warning you. I think you're  
9 going to have -- it's nothing to me, but I'm just telling  
10 you I think if you want to get 60 people in there, you're  
11 going to have a real problem, so you should perhaps check  
12 out the logistics because it's not going to work.

13 THE COURT: Okay. Well, I'll do that. I'm going to  
14 take the clerk and the reporter and perhaps the bailiff to  
15 San Diego probably the -- I think the 30th of August for  
16 various things that must be done, the transfer of exhibits,  
17 for instance; that all has to be receipted for. The report  
18 has -- indicates that they can help a lot by giving glossary  
19 of terms and things such as that with the reporter, and I'll  
20 take a look at it at that time.

21 I also will talk to the jury commissioner as far as  
22 any changes in instructions from what I've given them.

23 MR. NEGUS: There are a few exhibits that -- we'll  
24 have to identify them -- that we'd like to keep here for  
25 the September hearings on --

26 THE COURT: Certainly. Let us know that.

1 MR. NEGUS: The other thing is that -- I just wanted  
2 to remind you, and Mr. Kochis reminded me that -- that there --  
3 that we're requesting dailies all the way through, so that  
4 they should have a reporter there to set up for that.

5 THE COURT: Yes. I -- I had figured that you would.  
6 I just had a hesitation as far as voir dire, but I imagine  
7 you want it there too.

8 MR. NEGUS: Yes. The reason for that is I have not  
9 hired one of those jury experts to help me.

10 THE COURT: I'm pleased to hear that. I really am,  
11 because I don't -- I don't particularly like the idea of  
12 having those people. I think you know more than most of  
13 those psychologists.

14 MR. NEGUS: That's my mistaken belief, too.

15 THE COURT: All right. Well, I fully intend to do  
16 that, and my initial word down there when I was there before  
17 indicated that we would have a daily. We're going to get  
18 their number one reporter, is a man about 35. He's going to  
19 be the overseer, so to speak, of the reporters' jobs. He's  
20 been there apparently quite a while, seems to be a very  
21 competent individual, just my brief talk with him.

22 Another point, or is that it?

23 MR. NEGUS: That was it.

24 THE COURT: Okay. Well, I'll certainly take that  
25 into consideration, and we can scale it back quickly if we  
26 have to, and I won't hesitate to do so if we can't conveniently

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1 get 60 people in the courtroom.

2 MR. NEGUS: It occurred to me that we were planning  
3 on taking the one afternoon off in doing it at 60 a crack.  
4 You might want to do it at 50 a crack and then just -- work  
5 that afternoon. It wouldn't take any additional time.

6 THE COURT: Possibly. All right. Next?

7 MR. KOCHIS: Dan Gregonis.

8 THE COURT: I've heard of him.

9 Mr. Gregonis, why don't we swear him again. He  
10 comes about every two or three weeks, it seems.

11

12 D A N I E L G R E G O N I S, called as a witness by the  
13 People, was examined and testified as follows:

14 THE CLERK: You do solemnly swear the testimony  
15 you are about to give in this action now pending before  
16 this court shall be the truth, the whole truth, and nothing  
17 but the truth, so help you God?

18 THE WITNESS: I do.

19 THE CLERK: Please be seated.

20 Please state your name and spell it for the record.

21 THE WITNESS: Daniel J. Gregonis, G-r-e-g-o-n-i-s.

22 MR. KOCHIS: Your Honor, I believe both Mr. Negus  
23 and I would stipulate that the Court could consider the  
24 testimony adduced at the first portion of the Kelly-Frye  
25 hearing and the testimony adduced at the Hitch hearing in  
26 considering its ruling in this particular motion.

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1 MR. NEGUS: Yes. So stipulated.

2 THE COURT: Accepted.

3

4 DIRECT EXAMINATION

5 BY MR. KOCHIS:

6 Q Mr. Gregonis, the procedure that you used to conduct  
7 your electrophoretic analysis of the bloodstains in the  
8 whole blood in this case, was that system designed by  
9 a particular person?

10 A The majority of it, yes.

11 Q Did you in fact use a multisystem that was designed by  
12 Mr. Brian Wraxall?

13 A Yes, I did.

14 Q And does he set forth any proposed system under which  
15 you are to employ certain techniques when you run his  
16 system?

17 A Yes, he does.

18 Q And have those techniques and methodologies been reduced  
19 to writing?

20 A Yes, they have.

21 Q Directing your attention to two exhibits, the first of  
22 which has been marked for identification as Exhibit M-20  
23 and the second of which has been marked for identifi-  
24 cation in this proceeding as M-21, do you recognize  
25 either of those exhibits?

26 A Yes, I do.

1 Q The first exhibit, the M-20 exhibit, what is that exhibit?

2 A M-20 is a summary, if you will, of M-21 that I prepared  
3 approximately two or three years ago for serology study  
4 group meeting of California Association of Criminalists.

5 Q The M-21, is that a procedural -- a procedure manual  
6 that is put out by Mr. Wraxall himself?

7 A Yes, it is.

8 Q And does that set out in some written outline form the  
9 methodology that you are to use to correctly employ his  
10 multisystem?

11 A Yes, it does.

12 Q And then is M-20 a synopsis that you have reduced to  
13 writing from M-21?

14 A Except for Group III, yes, it is.

15 Q And the Group III in this particular case, for example,  
16 on A-41 was done in the presence of Mr. Blake?

17 A Yes, sir, it was.

18 Q The methodology that's set out in M-20, is that the  
19 methodology that you employed in this particular case  
20 when you analyzed the various bloodstains in whole bloods?

21 A With some modifications, yes.

22 Q Do the modifications appear on the exhibits themselves?

23 A No, they do not.

24 Q The procedures that Mr. Wraxall sets out in M-21, are  
25 those procedures recognized in the scientific community  
26 as the proper scientific procedures to use in conducting

00-1-3-1-5-7

1 electrophoretic runs?

2 A Yes, they are.

3 Q The procedures that are typed on M-20, are those likewise  
4 procedures which are accepted in the scientific  
5 community?

6 A Basically. The only one that I would say is not really  
7 use at this time is doing the carbonic anhydrase Group I.

8 (No omissions.)  
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1 Q You did not test for the CA II on your Group I, did you?

2 A That is correct, yes.

3 Q Now, in this particular case, starting with the Group I  
4 test, the test in which you used bloodstains to look for  
5 PGM and EsD, can you outline briefly the steps that you  
6 took?

7 A Yes, I can. The first thing that you must do is prepare  
8 the gel. That is done by measuring out a buffer at a  
9 standard pH of 7.4. And then you measure out a dry  
10 chemical called agarose. You dissolve the agarose into  
11 the buffer by heating. You then take a glass plate,  
12 and after the -- the agarose buffer mixture is dissolved  
13 and ready to go, you pour the liquid onto the glass plate  
14 and level it with a piece of plastic, essentially, is  
15 what it is. It's got some angles on it that help you  
16 to level it easier.

17 You then let that set up or gel, and it turns into  
18 a gelatinous type material. Then you're ready to put  
19 your samples on.

20 In Group I, the samples are -- you cut sample slots  
21 at approximately 3 centimeters and then place your samples  
22 on with a reducing agent, and you actually place them  
23 in the gel. After that is done, I'll let the -- I'll  
24 place the plate with the gel onto a cooling platen.  
25 It's a piece of aluminum, essentially, with cold water  
26 circulating underneath it to cool the gel down. Place

0-1-3-1-4-4

1       that on there for approximately ten minutes to cool the  
2       gel and let the stain get in the solution of the  
3       reducing agent.

4           I then apply the voltage across the gel, letting  
5       the proteins and enzymes separate for, in this case,  
6       three hours at 300 volts and then take the plate off for  
7       development.

8   Q     You read the EsD first?

9   A     Yes, I do.

10  Q     And how do you stain for that?

11  A     Esterase D is stained for a what's called methylumbel-  
12       liferyl acetate. And it is placed on a -- in a buffer and  
13       is placed on a piece of filter paper the width of the  
14       gel and approximately 10 centimeters, 10 centimeters  
15       high. And it's placed from the origin towards the top  
16       of the plate, or, the anode, and left there for  
17       approximately 10 minutes at room temperature.

18  Q     After it remains on the plate for 10 minutes, what do  
19       you do with it?

20  A     After that, I'll take it into the darkroom and read it  
21       under ultraviolet light.

22  Q     Then do you remove the filter paper?

23  A     Well, the filter paper I'll -- I'll look at it, I'll look  
24       at the gel with the filter paper and without the filter  
25       paper, sometimes. Well, most of the time the readings  
26       are done without the filter -- filter paper. It's

00-1-3-1-5-5

- 1        actually on the gel itself.
- 2    Q    After you read for EsD, what step do you take next to
- 3        read for the PGM?
- 4    A    After the esterase D is read for, I'll take the PGM
- 5        reaction mixture and pour that into a solution of agarose
- 6        at approximately 60 degrees Celsius and then pour that
- 7        onto the plate in a -- a plastic mold that I placed on
- 8        the plate itself, and then let that solidify and stick
- 9        that in an oven at approximately 37 degrees Celsius.
- 10   Q    How long do you leave it in the oven?
- 11   A    The first reading that I do is, approximately, after 10
- 12        to 15 minutes, make sure that there is no overdevelopment
- 13        of one of the stains, say, from bacteria or something
- 14        like that. I'll then let it stay in the oven, if there's
- 15        no problem with that, for approximately an hour, and
- 16        even longer.
- 17   Q    And then do you eventually do a second reading?
- 18   A    Yes, I do.
- 19   Q    And then are those the only two enzymes that you read off
- 20        of that particular plate?
- 21   A    Yes, they are.
- 22   Q    The procedure that you briefly just outlined, is that
- 23        the procedure that Mr. Wraxall recommends you follow
- 24        when you use his multisystem?
- 25   A    Yes, it is.
- 26   Q    And is that procedure accepted in the scientific

1 community within the field of serologists in conducting  
2 electrophoretic runs for EsD and PGM?

3 A Yes, it is.

4 Q And does Exhibit M-21 contain the outline of the various  
5 chemicals that you use in conducting your Group I?

6 A Yes, it is.

7 Q And does it contain a brief outline of the steps that  
8 you actually employ in conducting the Group I run?

9 A Yes, it is.

10 Q The Group II run, how do you prepare the plate for that  
11 particular run?

12 A The Group II run is done much like the I except you  
13 are using starch. You first dissolve the starch, and  
14 then one difference is that you must evacuate or degas  
15 the starch. So you actually put it on a vacuum when  
16 it's hot and suck all the -- all the gases out of the  
17 liquid, or, the majority of them, and then pour it on the  
18 plate of -- and level it.

19 Q Which of the three enzymes, the EAP, the ADA and the  
20 AK do you read for first?

21 A EAP.

22 Q How do you stain the plate to read for EAP?

23 A The EAP, again, is stained with a filter paper overlay  
24 and it's stained -- the filter paper overlay is approxi-  
25 mately the -- the width of the gel and 13 centimeters  
26 high. And it is placed from the cathodic, or, the bottom

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1 portion of the gel, if you will, towards the anode, or,  
2 the top end of the gel.

3 Q How long do you leave the overlay on the Group II plate  
4 to read for the EAP?

5 A I'll first read that after 20 minutes. If it's okay  
6 after -- I'll make the reading after 20 minutes and  
7 then usually stick it in the oven for another 10, read  
8 it again, and then photograph it, and then go on to the  
9 other enzymes.

10 Q Do you do your last reading on the plate for EAP with  
11 the overlay off the gel itself?

12 A Yes, I do.

13 Q After you read for EAP, which enzyme do you read for  
14 next?

15 A Well, both the ADA and the AK are developed at approximately  
16 the same time. Due to the nature of the enzyme, the  
17 AK will come up first. And I usually look at that after  
18 I put the overlay on after approximately 10 to 15 minutes.

19 Q What type of overlay do you put on the plate to read for  
20 the ADA and the AK?

21 A It's an agarose type overlay, again.

22 Q And is the preparation for that overlay similar to the  
23 preparation for the PGM overlay on the Group I?

24 A Yes, it is.

25 Q Do you read essentially the ADA and the AKA from  
26 different portions of the same plate?

00-1-3-4-8

1 A Yes, I do.

2 Q After you prepare the overlay that allows you to read  
3 for those two enzymes, what do you do with it?

4 A Okay. After I have prepared that, put in on the plate,  
5 I'll stick it in the oven in a moisture chamber at 37  
6 degrees Celsius.

7 Q For how long?

8 A Again, I'll read the AK's after 10 to 15 minutes. And  
9 then the ADA's, I'll usually let those go for an hour,  
10 an hour and a half, somewhere in there.

11 Q And those are the only three enzymes you would read off  
12 the second plate as you were -- that you would prepare?

13 A At the time that this work was done, yes.

14 Q The procedure that you have just outlined, is that the  
15 procedure that you followed in conducting the Group II  
16 runs on the bloodstains and the whole blood in this  
17 particular case?

18 A Yes, it is.

19 Q And are those the procedures and methods that are out-  
20 lined in Mr. Wraxall's book?

21 A Yes, they are.

22 Q Are those procedures and outlines accepted within the  
23 scientific community?

24 A Yes, they are.

25 Q Turning for a moment to the Group IV system, how do you  
26 prepare the plate to test for the peptidase A and the

1 carbonic anhydrase II?

2 A Okay. The plate is prepared much like the Group I only  
3 with a different agarose and a different buffer. And  
4 then the place where the samples are actually put are in  
5 a different area.

6 Q How do you stain for that particular plate?

7 A The staining for the carbonic anhydrase is done with a --  
8 a filter paper overlay for the peptidase A. It's done  
9 with an agarose overlay.

10 Q Which enzyme do you read first?

11 A Okay. Basically I'll -- I'll read the carbonic anhydrase  
12 first and then look at the peptidase A afterwards.

13 Q In terms of procedure, is the paper overlay that you use  
14 for the carbonic anhydrase similar to the overlay that  
15 you use, for example, for the EsD and the PGM? I mean,  
16 the EsD and the EAP.

17 A Yes, it is.

18 Q And how long do you leave the paper overlay on the Group  
19 IV plate before you remove it to do your final CA II  
20 reading?

21 A For 20 minutes.

22 Q Then do you prepare a second gel that allows you to read  
23 for the peptidase A?

24 A Yes. That's prepared at about the same time as carbonic  
25 anhydrase. They're put on at approximately the same time.  
26 And then the peptidase A is just incubated for a longer

1 period of time.

2 Q How much longer?

3 A Up to two hours longer.

4 Q Are those the only two enzymes that, in this case, at  
5 that time you were reading off the Group IV plate?

6 A Yes, they are.

7 Q And the steps that you have just outlined for the Group  
8 IV reading, are those steps that were outlined by Mr.  
9 Wraxall?

10 A Yes, they are.

11 Q And are -- are they accepted as proper scientific  
12 techniques to employ as to the Group IV readings for  
13 serology?

14 A Yes, they are.

15 Q And does, for example, M-20 set out in outline form the  
16 type of chemicals and the steps you follow to do the  
17 Group II runs, the EAP, the ADA and the AK?

18 A Yes, it does.

19 Q Does M-20 contain the steps for the Group IV?

20 A Yes, it does.

21 (No omissions.)

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- 1 Q And again those are procedures you derived from  
2 Mr. Wraxall?
- 3 A Yes, they are.
- 4 Q What technique do you use to do the Group III system runs  
5 for the group specific component and the transferrin?
- 6 A That is essentially the same -- well, it's also derived  
7 from Mr. Wraxall.
- 8 Q And do the procedures he recommends that you use to test  
9 for those enzymes appear in M-21 in his outline?
- 10 A In part, yes. There are some modifications. M-21 does  
11 not contain the procedures for developing transferrin  
12 and Gc together. There's some modifications. When you  
13 develop for transferrin, you let the hemoglobin run to  
14 five centimeters instead of four, and, of course, you  
15 put the overlay on for the transferrin.
- 16 Q Well, what procedure did you use for the Group III in  
17 this particular case?
- 18 A Essentially the modification of Wraxall's system.
- 19 Q And could you explain that in an outline form for us  
20 here this morning?
- 21 A Yes. First of all, the samples are -- are taken first,  
22 and they are extracted with a small amount of the gel  
23 buffer. After that, they are -- and they are extracted  
24 in the refrigerator for up to overnight, depending on  
25 the sample itself. Usually an hour is sufficient. You  
26 then -- while those are extracting, you prepare the gel

0-1-3-1-5-7

A. What is done is it's called an immuno-fixation technique, and you put an antisera, something that's anti-human Gc and anti-human transferrin, over the area where those have been found to be and let that incubate for approximately ten -- or two hours, three hours, four hours. Usually two hours is sufficient; and then after that is

013153

1       done, you take those off, you press the gel with weight,  
2       drawing the moisture out of it. Then you put in a  
3       solution of one molar saline for overnight, That is to  
4       get rid of all the extraneous proteins and stuff that  
5       are in the gel.

6           You then put it into distilled or deiodized water to  
7       wash away essentially the salts and whatever else is  
8       not supposed to be there or not what you're looking  
9       for, essentially, and then press it again, dry it down  
10      and stain it with what's called Coomassie Blue.

11   Q   This stain on the Group III runs, is that a filter paper-  
12       type stain or a gel stain or is it different?

13   A   The initial antisera is put on in a liquid state with a  
14       cellulose acetate membrane.

15   Q   And then the second stain is what type of medium?

16   A   The second stain after the gel's been dried down is put  
17       on in a liquid form, and it's just allowed to bathe over  
18       the gel, over the gel itself.

19   Q   Which enzyme do you read for first?

20   A   First of all, they are both serum proteins, and they are  
21       read for -- basically, it depends. They're developed at  
22       the same exact time, and they stay around for a long  
23       period of time. As a matter of fact, we have them  
24       stored in the laboratory now, so you can read either  
25       one first.

26   Q   The procedure that you've just outlined, is that the

1 procedure that you employed on the bloodstains in the  
2 whole blood in this particular case?

3 A Yes, it is.

4 Q And is that procedure recognized in the scientific  
5 community as the proper procedure to employ on Group III  
6 runs?

7 A Yes, it is.

8 Q What procedure do you use to test a stain for haptoglobin?

9 A Okay. For haptoglobin, it's a procedure using what are  
10 called gradient acrylamide gels, and, again, the stains  
11 are extracted with the gel buffer or the tank buffer,  
12 actually, that contains approximately 10 percent sucrose  
13 solution. That's to make the stain or the extract heavy.  
14 The gradient gels we buy from Pharmacia, and they are  
15 approximately 4 percent to 30 percent acrylamide gel.  
16 You then take the extract of your stain. You wash that  
17 with chloroform to remove any miscellaneous cellular  
18 debris which -- and other things which cause streaking  
19 in the gel. You then take the extract and you pipette  
20 or take a syringe and put it in a well on the plate  
21 itself. Then you run the samples into the plate and  
22 then run it overnight for approximately 20 hours at  
23 200 volts.

24 Q Directing your attention to an exhibit which has been  
25 marked for identification as M-22, do you recognize  
26 what that appears to be a xerox copy of?

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- 1 A Yes, I do.
- 2 Q And could you tell the Court what it is?
- 3 A This is pages out of a thing -- a book that was prepared  
4 by Pharmacia Chemicals, and it contains some outlines  
5 on the procedures for doing gradient acrylamide gels.
- 6 Q Does it contain portions of the outlines of the procedures  
7 that you used in this particular case?
- 8 A Yes, it does.
- 9 Q The procedure that you've just described to do the  
10 haptoglobin, is that recognized in your community of  
11 serologists as a proper scientific procedure to employ  
12 in testing bloodstains to determine their haptoglobin  
13 type?
- 14 A Yes, it is.
- 15 Q And are portions of that outline reflected in M-22?
- 16 A Yes, they are.
- 17 Q Directing your attention to the chart which has been  
18 placed on the board behind you which was marked at an  
19 earlier hearing as K-1, did you prepare that chart  
20 perhaps sometime in April of 1984?
- 21 A Yes, I did.
- 22 Q And was that during the initiation of your testimony at  
23 the Kelly-Frye hearing?
- 24 A Yes, I did.
- 25 Q And does it indicate the -- for example, the various gels  
26 that you employed on the group systems in the Cooper case?

00-1-3-1-5-10

- 1 A Yes, it does, except for the haptoglobins. There is --  
2 there is a difference there,
- 3 Q On the gel or on the buffer?
- 4 A On the buffer itself.
- 5 Q But the chart accurately reflects the type of gels?
- 6 A Yes, it does.
- 7 Q With the exception of the haptoglobin, does the chart  
8 accurately reflect the type of buffers that were used,  
9 for example, on the Group I through IV systems?
- 10 A Yes, it does.
- 11 Q And does the chart accurately reflect the pH's that were  
12 used on your electrophoretic runs in the Cooper case?
- 13 A Yes, it does.
- 14 Q The stains that you used for each of the various group  
15 systems, do those appear on the chart?
- 16 A Yes, they do.
- 17 Q And does the chart accurately reflect the stains as  
18 well?
- 19 A Yes, it does.
- 20 Q Could you perhaps with the red grease pen for the haptoglobins and specifically the buffer -- could you indicate  
21 in parenthesis and printing in red perhaps the buffer  
22 that you actually used on the haptoglobin.
- 23
- 24 A The buffer that I actually used was not a TRIS/glycine.  
25 It was actually a TRIS/boric acid.
- 26 Q And the difference between the two, if any, is what?

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1 A Basically, simply the substitution of boric acid for  
2 glycine.

3 MR. KOCHIS: If I could have a moment, Your Honor.  
4 (No omissions.)  
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1 Q (BY MR. KOCHIS:) In this particular case, did you test some  
2 saliva to determine whether or not in fact they were saliva?

3 A Yes, I did.

4 Q And did you test, for example, certain cigarette butts  
5 for the presence of amylase?

6 A Yes, I did.

7 Q Why?

8 A The reason behind that is to see if there was enough  
9 amylase present, which is an indication that there would  
10 be enough saliva present for ABO typing.

11 Q What was the name of the test you employed in this case  
12 to determine whether or not certain stains contained  
13 amylase?

14 A The -- I did a couple of different ones. One was the  
15 phadebas test. The other one would be the diffusion,  
16 or, starch diffusion.

17 Q Could you outline the phadebas test first.

18 A The phadebas test is done using a starch dicomplex which  
19 is developed into water, and a certain amount of the  
20 extract of the cigarette butt or whatever you're looking  
21 at is added to a certain amount of the dicomplex in  
22 solution. They're then placed in the oven for approxi-  
23 mately 15 minutes. And after that -- they are in test  
24 tubes. And then they're taken out and spun in a centri-  
25 fuge and read just with the visual eye to see if a blue  
26 color has developed in the supernatant, or, the top

1 solution.

2 Q The procedure that you just outlined, is that the  
3 procedure that you in fact employed on some of the stains  
4 in this case?

5 A Yes, it is.

6 Q And is that procedure recognized in the serological  
7 community as being a proper scientific procedure to  
8 employ on a stain to determine whether or not it contains  
9 saliva?

10 A Yes, it is.

11 Q The second test that you mentioned, could you describe  
12 that.

13 A The second test that I mentioned is the amylase diffusion  
14 test. And it is done with an agarose gel which contains  
15 starch. Holes are made in the gel, and then you put  
16 standards of diluted saliva sample in -- into the one  
17 set of holes, and then you put your stain in a diluted  
18 series of that in whatever holes below that. The samples  
19 in small plastic dishes are placed in a moisture chamber  
20 and placed in an oven at 37 degrees for overnight. They  
21 are then taken out of the oven and have a dilute iodine  
22 solution poured on top of them.

23 Where the amylase has reacted with the starch, there  
24 will be no color development. Where it has not reacted  
25 with the starch, there will be a blue, kind of a royal  
26 blue, color that develops.

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1 Q And is that test likewise recognized in your community  
2 as a proper scientific procedure to employ on a stain  
3 to determine whether or not it contains amylase?

4 A Yes, it is.

5 Q And the presence of amylase may indicate the presence,  
6 for example, of human saliva?

7 A Yes, it -- it can, yes.

8 Q Did you likewise further test some stains to determine  
9 the ABO blood group type of the person who deposited the  
10 saliva, for example, on a cigarette butt?

11 A Yes, I did.

12 Q And what was the name of the test you employed to make  
13 that determination?

14 A Name of the test that I employed was absorption-inhibition.

15 Q And how does the absorption-inhibition work on a suspected  
16 saliva stain?

17 A Okay. Again, if you're testing for the ABO antigens,  
18 if they're present, what, you want the procedure,  
19 basically?

20 Q Bad question. What procedure did you employ using the  
21 absorption-inhibition technique on a suspected saliva  
22 stain to determine the person's ABO blood group type?

23 A At the time of this testing, I was using a -- a tube  
24 technique.

25 Q And how did that work?

26 A The procedures are you take an extract of the stain, and

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1        then you take approximately one drop of the extract and  
2        put a quantity of antisera, diluted antisera, either  
3        anti-A, anti-B or anti-H, and putting those with each  
4        one drop of the extract, letting them incubate for  
5        approximately two to four hours during the day.

6                I would then take the extract out, place it on a  
7        microscope slide, and then add a -- some red blood cells,  
8        a dilution of red blood cells to it, and then spin it on  
9        a rotator. If there was agglutination or clumping, then  
10       the antigen that the antisera was against was not present.  
11       If there was not any, then the antigen was present.

12    Q        Is that particular procedure that you have just outlined  
13        accepted within your community as a proper scientific  
14        procedure to employ on a saliva stain to determine its  
15        ABO blood group type?

16    A        Yes, it is.

17    Q        Did you likewise perform a test on suspected saliva  
18        stains to determine if the person who deposited the stain  
19        was a secretor or a non-secretor?

20    A        Yes, I did.

21    Q        What type of test did you do?

22    A        Okay. Again, the absorption-inhibition test. And then,  
23        with Brian Wraxall, we also attempted to do the Lewis  
24        test.

25    Q        Did you likewise test some suspected semen stains to  
26        determine the ABO blood type of the person that placed

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1 the semen on the blanket?

2 A Yes, I did.

3 Q What type of test?

4 A The tests that I performed, again, were the absorption-  
5 inhibition test for the ABO antigens and, afterwards,  
6 the absorption-elution test, again, for ABO  
7 antigens on the cellular material.

8 Q The procedure that you have outlined that you employed  
9 on the absorption-inhibition test for the saliva stains,  
10 was that the same procedure you would have employed  
11 using the semen stains in the absorption-inhibition test?

12 A Yes, it is.

13 Q Could you outline the absorption-elution technique  
14 that you used in this case in testing the semen stains  
15 on the blanket.

16 A Okay. The absorption -- absorption-elution technique  
17 is essentially done by taking the extract with the cellular  
18 materials, soaking them onto threaded cloth, or, piece  
19 of threads, then letting that dry. You then take the  
20 dried-down threads, place them on a microscope slide  
21 again, you add antisera, let that absorb for during the  
22 daytime or overnight. And then after that is done, you  
23 wash it with cold saline.

24 After you wash it with cold saline, you dry off any  
25 excess saline, add a drop or a quantity of saline to it,  
26 and then place it in an oven at approximately 58 degrees



1 Celsius for 20 minutes.

2 After that is done, you add the solution of .3 percent  
3 red blood cells, either A, B or O, depending on the  
4 antisera that you added, and rotate that on a rotator  
5 for approximately 10 minutes for the first reading.

6 Q Is that technique, the technique that you just outlined,  
7 accepted in your community as a proper scientific procedure  
8 to employ in using the absorption-elution test on a semen  
9 stain?

10 A Yes, it is.

11 MR. KOCHIS: I have no further questions on this  
12 portion of direct.

13

14 CROSS EXAMINATION

15 BY MR. NEGUS:

16 Q When you were testing last June a year ago, during your  
17 description, you -- you indicated that at that point  
18 in time you would do certain things. Have you made  
19 improvements in the -- in the system that you used since  
20 last June?

21 A I would say so, yes.

22 Q What improvements have you made?

23 A In which system?

24 Q Let's just start with the electrophoresis runs. Which  
25 improvements have you made in your electrophoresis runs?

26 A As far as Group I is concerned, there is a couple, couple

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1 of things. One is that I use what is called Meldola  
2 Blue instead of PMS in the reaction mixture. This allows  
3 for overnight incubation without any excess staining  
4 occurrence -- occurring. In other words, the whole gel  
5 doesn't turn blue. I can still pick out bands.

6 We're still working on the glyoxalase system to see  
7 if there's any -- any kind of way that we can start  
8 using that.

9 As far as Group II is concerned, currently I'm  
10 doing a what I call a modified Group II. It is a day  
11 run at 350 volts or 400 volts for three and a half hours,  
12 and the gel and the tank buffer at pH 5.8. Also in that  
13 system we're developing for the enzyme 6PGD in the middle  
14 of the plate after -- along with ADA, AK and EAP.

15 Group III, there's essentially no modification.  
16 Group IV, we're still looking at the G6PD and, in some  
17 cases, are able to call that. As far as haptoglobins,  
18 are essentially the same.

19 (No omissions.)  
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1 Q The purposes of your changes in the Group II are  
2 essentially to try and get G6PD in addition to the things  
3 that you were getting before?

4 A Well, that's part of it. Also, the day run allows for  
5 a sharper, more defined bands.

6 Q The changes which allow for overnight development of the  
7 PGM, why weren't you doing that back in June of '83?

8 A Basically, at that time it was still experimental  
9 technique, and we were looking at it to see if it was  
10 or was not -- whether there was disadvantages that  
11 overcame the advantages of it, for instance, sensitivity.

12 Q Let me show you a couple -- I'm showing you Exhibit H-392.  
13 Does that appear to be a picture of an EAP run or a  
14 photograph of your photograph of an EAP run that you did  
15 in August of 1983?

16 A. Yes, it is.

17 Q And is that using the technique that you have on the  
18 board with the pH of 5.5?

19 | A Yes, it is.

20 Q Showing you a couple other photographs which have been  
21 marked as H-393 and H-394, are those EAP runs that you  
22 did in the end of May of 1984?

23 A They appear to be, yes.

24 Q And is that using the pH of 5.8?

25 A No, it's not.

26 Q That's still using the same pH of 5.5?

1 A Yes, it is.

2 Q Showing you Exhibit H-344, is that a -- does that contain  
3 on the back of it labeled EAP a photograph of the run  
4 that you did which included A-41 in August of 1983?

5 A Yes, it does.

6 Q And does -- that was using the pH of 5.5 as well; is  
7 that correct?

8 A Yes, it is.

9 Q Now, just taking -- let's take one of the easier ones.  
10 Does the -- does the photograph H-393 -- does that appear  
11 to be a contact print of a Polaroid negative that you  
12 produced at the time that you -- that you made that --  
13 made that run?

14 A Yes, it does.

15 Q And approximately what is the scale of that -- of that  
16 contact print?

17 A I would say it's one half the size.

18 Q Could you indicate with a green felt-tip pen where the  
19 13 centimeters would be that you would place the -- how  
20 far 13 centimeters would be from the origin on that  
21 where you placed the photo paper on your stain.

22 A It's not 13 centimeters from the origin, It's 13 centi-  
23 meters from the cathodic end.

24 Q Where would that -- where would that end out?

25 A Well, on the photograph, you can see approximately where  
26 it would be from the fluorescence.

- 1 Q Okay. Could you indicate that.
- 2 A Again, I don't know if that's 13 centimeters from the  
3 cathodic end.
- 4 Q Well, why would it not be 13 centimeters from the  
5 cathodic end?
- 6 A Because at times, I'll put it on the hemoglobin rather  
7 than at the cathodic end.
- 8 Q Well, okay. What -- the hemoglobin is up a little bit  
9 from the cathodic end?
- 10 A A couple of centimeters, yes, usually.
- 11 Q So that might even be, for example, 15 centimeters or  
12 something like that from the cathodic end?
- 13 A Yes, sir.
- 14 Q There's no useful information as far as the EAP is  
15 concerned on the cathodic side of the origin; is that  
16 right?
- 17 A Yes, there is.
- 18 Q What's that?
- 19 A The possible development of, if present, an EAP Type D  
20 variants.
- 21 Q So that's why you stain on both sides?
- 22 A Yes, sir.
- 23 Q In -- if you have your original, you might consult it as  
24 well. H-392, how far did you stain in that photograph  
25 from the cathodic end?
- 26 A Okay. Again, I can't tell for sure from the photograph

1 without doing some -- some measurements.

2 Q Let's see what we have. I don't know if it's convenient,  
3 We might have a yardstick. Do you have something better?

4 A I don't.

5 Q I have something that appears to be in tenths of inches,  
6 if you want to try and use that.

7 MR. KOCHIS: Your Honor, were we going to take a  
8 short recess some time this morning? I wonder if he's  
9 going to do some calculations, if we could take the recess  
10 now.

11 THE COURT: Sure. All right. We'll take a brief  
12 recess.

13 (Recess.)

14 (No omissions.)

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1 MR. BRUCE LANCE: Your Honor, do you have any  
2 better reading on this afternoon's 1:30 time as opposed --

3 THE COURT: Counsel, we expect to conclude by noon?

4 MR. NEGUS: I probably -- I doubt -- we may be through  
5 with Mr. Gregonis, but we had a couple other things that we  
6 were going to at least argue. And I can't imagine being done  
7 with everything by noon. But I don't think it's --

8 THE COURT: How long do you expect this afternoon?  
9 I'm not trying to inhibit you. But, generally, what's the  
10 best estimate?

11 MR. NEGUS: Probably a half an hour to an hour this  
12 afternoon will be my best guess. I don't know. I mean, it's --  
13 we can always work things around to meet your schedule and put  
14 some of these over. It doesn't really matter much to me.

15 I'd like to get finished, obviously, with Mr. Gregonis.  
16 And if I could do that by noon, I would. But I'm not -- it's --  
17 it's not going to take a long time.

18 THE COURT: The other matters are evidentiary matters?

19 MR. NEGUS: No. The other -- the thing -- the three  
20 things that we have hanging over that I can remember off the  
21 top of my head are all -- not -- all have to do with -- with  
22 the blood. That is, we first of all have to finish this  
23 thing. Then there's the relevancy, People vs. Lindsey, which  
24 we mentioned to you. And then there is the 1385 motion to  
25 dismiss because they -- the evidence isn't reliable enough.  
26 And all those are just something that really needs to be

1 articulated so that I feel happy that I made the motion, and  
2 then rule. I can't imagine them being extensive arguments.

3 THE COURT: Come on in at two o'clock.

4 MR. LANCE: Thank you.

5 THE COURT: Go ahead.

6 Q (BY MR. NEGUS:) Okay. Mr. Gregonis, you attempted  
7 some calculations on -- on the photographs of the 8-4 and  
8 the 8-2 run; is that correct?

9 A Yes, I did.

10 Q Okay. How far past the cathode did you stain on the  
11 8-4 run?

12 A Approximately 7 centimeters.

13 Q Why is that?

14 A That's basically the standard procedure.

15 Q Well, you talk about past the origin or past the cathode.

16 A Oh, past the cathode, excuse me. It's 13 centimeters  
17 past the cathodic end of the plate.

18 Q Okay. And how about the 8-2 run?

19 A Again, the same.

20 Q How did -- how did that 13 centimeters figure get -- get  
21 arrived at? I mean, what's the -- why -- why do you do  
22 it for 13 centimeters, no more?

23 A Well, that's a -- I'm sure it's a -- an empirical type  
24 of reasoning to pick up the four major bands of the EAP  
25 plus any storage bands that are up above that. And I'm  
26 sure at this point, with what I know now, to pick up the

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1 R bands or an indication of the R bands.

2 Q Well, let's -- on these ones that you -- that you did,  
3 H-393 and H-394, it would appear that the stain is 2, 3  
4 centimeters further, at least, on -- on the patterns.  
5 Is that -- is that correct?

6 A I don't understand what you're saying here.

7 Q Well --

8 A I mean --

9 Q You look at -- you look at the one that you have on H-392.  
10 It looks like you cut it right in the -- right in the  
11 middle of the R band; is that --

12 A Okay. First --

13 Q -- true?

14 A -- first of all, I have to explain something to you,  
15 Mr. Negus, that there are actually two overlays that I  
16 did on the 8-4 and the 8-2 runs. One is the initial  
17 overlay with the -- the MUP. And then the next one is  
18 a very dilute basic solution that was put on. And if  
19 you look at -- first of all, this photograph doesn't  
20 illustrate that at all.

21 Q The photograph you're talking about, H-392?

22 A That's true.

23 Q Okay.

24 A What you have to look at is on Photograph 4, the run  
25 on 8-4-83, the lines of delineation here. The first  
26 overlay on the top, if you can see the -- the lighter

1 glow, and then the second overlay is approximately a  
2 centimeter below that.

3 Q Why did you make it a centimeter below?

4 A The reason behind that is that the ADA overlay starts  
5 at approximately that area. And with putting on the  
6 dilute basic solution, you're changing the pH of the --  
7 of the gel itself considerably so that if you were going  
8 to put it all the way up to the 7 centimeters you're  
9 changing the pH of the gel and, consequently, the  
10 activity of the ADA bands.

11 And in this case, it is possible if you put it up  
12 that far to miscall an ADA 2-1 as a 1 because of the  
13 inactivity of the 2 band.

14 Q Was there any danger in doing it the way you did in  
15 miscalling the EAP?

16 A Well, as I know now, yes, because you aren't picking  
17 up the R bands or the intensity of the storage band,  
18 if you will.

19 Q Why do you say "as you know now"?

20 A It was my feeling at the time that you cannot differentiate  
21 the B's from the R's on the system. As I have learned  
22 subsequent to that, you can.

23 Q Well, had you read that Exhibit -- had you read this  
24 exhibit, M-21, before you did the test?

25 A At some time in the past, yes.

26 Q It says pretty clearly in that document, does it not,

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1 that the rare variants, Type R and D, are separated in  
2 this system and should be easily identifiable?

3 A That is something that I took as a -- as a literal thing.  
4 In other words, you cannot -- you could pick up the R's,  
5 but I didn't think that you could pick up the RB's as  
6 opposed to the B's. You could pick up the D's -- well,  
7 the D's are easily picked up. I knew that, because of  
8 where the -- where they're located on the origin.

9 Q Well --

10 A Or, where they're located on the plate.

11 Q Well, there's basically no known RR's in the world,  
12 right? I mean, nobody's ever seen an RR, have they?

13 A I don't know.

14 Q Basically the R types are RA, RB and RC, the main ones;  
15 isn't that right? And those are the ones that you're  
16 dealing with?

17 A I would say so, basically, yes.

18 Q So it's pretty clear that what Mr. Wraxall is talking  
19 about is the different -- those different phenotypes,  
20 RA, RB, RC, right?

21 A Well, it's clear to me now, Mr. Negus. But I took it at  
22 the time that the R was separated, and it would be  
23 obvious that the R would be separated because of the  
24 nature of where the bands lie.

25 In other words, you wouldn't, if you had a simple R,  
26 you wouldn't pick up the -- the B prime band; if you

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1 had an RA, again, you wouldn't pick up the B prime band.  
2 Q When did you learn that you could -- that you could tell  
3 about R's from -- from Mr. Wraxall's system?  
4 A Whenever Mr. Blake testified. The day afterwards, I  
5 believe.  
6 Q On this -- that would have been, therefore, after you  
7 did the -- did the runs on H-393 and H-394, correct?  
8 A That is correct, yes.  
9 Q Well, why did you do it -- so that you can see in H-393  
10 and H-394 pretty clearly all the storage and R bands.  
11 Why -- why did you not cut them in half like you did  
12 earlier?  
13 A Well, first of all, I think you have to look at the --  
14 the two different runs. H-393 and H-394 both appear  
15 to be day runs. This one might be an overnight.  
16 Q I thought you told me that -- that they were the same  
17 system as you used --  
18 A Well, it's the same pH. Both of these are day runs,  
19 which tend to make the bands tighter on the runs. So  
20 it's -- it is different from the runs on 8-2 and 8-4 of  
21 1983.  
22 Q Well, why -- why were you -- why did you switch to the  
23 day runs? I mean, what -- what's the point of that?  
24 A Basically, again, to tighten up the EAP bands.  
25 Q Why didn't you do that back in June of 1983?  
26 A Because I was used to -- the system at the time seemed

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1 sufficient, and I was confident in the results at that  
2 time, that the EAP's, at least the six common phenotypes,  
3 could be called easily off of that system.

4 Q Well, when you -- when you were looking at the plates --  
5 well, the first overlay, can you read -- can you read --  
6 can you read the EAP's just using your filter paper,  
7 without putting the solution over it?

8 A It depends, basically, on the sample on the run. Many  
9 times you can. However, the other overlay, the dilute  
10 sodium hydroxide overlay, enhances the bands. And some-  
11 times you can read more of the types that you could not  
12 read before.

13 Q Could you put the dilute sodium hydroxide over the ones  
14 you did in runs 103 and 10 -- 101?

15 A No, I did not.

16 Q Knowing what you know now, can you tell that the V --  
17 the 2 in 101 and 103 that are labeled VV-2 are an RB?

18 A It appears to be, yes.

19 (No omissions.)  
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1 Q You have no -- no particular memory, though, of what the  
2 actual plates looked like back in August of '83, other  
3 than your photographs; is that correct?

4 A That is correct, yes.

5 Q Is there -- can you see on the original photographs  
6 that you took of 8-2 and 8-4-83 any useful information  
7 past the area that you stained with the sodium hydroxide?

8 A Not really, no.

9 Q Are there different skills involved in running the tests,  
10 that is, mixing the chemicals and preparing the gels  
11 as opposed to reading the results?

12 A Well, I would say some people are more skilled than others,  
13 yes.

14 Q Well, I mean you have -- do you have to know different  
15 things? I mean it's not -- it's not -- you can be  
16 trained, for example, in preparing the gels without  
17 necessarily being able to read the test; is that correct?

18 A That is correct, yes.

19 Q And vice versa, presumably?

20 A I would say so, yes.

21 Q Now, as far as -- as far as ability to -- let me ask you.  
22 Looking at that 8-4 run where you cut the R band in half,  
23 can you tell that the VV-2's in that are an RB now that  
24 you have more knowledge?

25 A They appear to be, yes.

26 Q Can you tell what the A-41 is in the 8-2 run?

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1 A No, I cannot.

2 Q Still look like a B to you?

3 A It could be a B or an RB, because the storage band or  
4 the R band where it would be, if it was there, is cut  
5 off essentially.

6 Q Cut off entirely?

7 A Well, there is a slight -- there is a slight glow up  
8 there, but I can't say whether that would be the  
9 storage band or not, since there's -- it's not as high  
10 as it is on the run on H-392.

11 Q Well, why did you -- why did you differentiate between  
12 the 8-2 and 8-4 as far as how far you stain it?

13 A Well, as far as at least my calculations from the  
14 pictures, I stained with the sodium hydroxide on both  
15 of them approximately 6 centimeters up from the origin,  
16 so I'm staining approximately the same. It's just that  
17 the enzymes may have had different mobilities at that  
18 time.

19 Q If -- well, you were always concerned, were you not,  
20 with -- with looking at the storage bands during the  
21 entire time that you were -- were running EAP's; right,  
22 before or after your knowledge about R bands; isn't that  
23 correct?

24 A Basically, yes.

25 Q Why didn't you put more sodium hydroxide on there when  
26 you determined that you weren't picking up the storage

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1 band that you would expect?

2 A Okay. Again, I believe I explained that, because it  
3 would interfere with my ADA readings, and if I saw it  
4 without the sodium hydroxide, that is not noted whether  
5 I did or did not.

6 Q Why did you make a call then without the information  
7 about the -- about what kind of storage bands you have?

8 A Well, as far as the excess storage bands or something  
9 like that, I -- nothing appeared abnormal to me.

10 Q How would you know if it appeared abnormal if you didn't  
11 stain so you could see it?

12 A Okay. Again, I did stain this thing 7 centimeters,  
13 which I -- which I, from the picture, would I think pick  
14 up the storage bands.

15 Q Okay.

16 A It's hard to say at this point.

17 Q If there were one band up there in that area, especially  
18 on A-41, that was glowing considerably darker, I mean  
19 considerably brighter than all the other storage bands  
20 in the area, especially relative to the -- to the B band  
21 on what was supposed to be a fresh sample, wouldn't that  
22 sort of leap to your mind as something significant?

23 A Not necessarily. It's something that a lot of times I  
24 expect to be there, because it's a storage band, and  
25 upon sitting, the blood will develop that band up there.

26 Q Well, A-41 had been in the freezer since the day --

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1 presumably a day after it was shed; right?

2 A That is true.

3 Q So you wouldn't expect much of a storage band up there

4 after you hit it with the Cleland's reagent; right?

5 A I wouldn't expect it, but I don't think it would have

6 struck me as unusual to find it up there.

7 Q You did clean the samples with the Cleland's reagent

8 before you put them in there; right?

9 A I used mercaptoethanol.

10 Q Excuse me. Mercaptoethanol. You did clean them up with

11 that; right?

12 A Yes, I did.

13 Q And the nature of that reducing agent is such that if

14 it's not potent, you'd notice it right away, because you

15 would not smell what you'd expect to smell; is that

16 correct?

17 A Essentially, yes.

18 Q I mean it stinks, basically; is that true?

19 A Yes, it does.

20 Q Since you testified at the Kelly-Frye hearing, have you

21 been provided a copy of your testimony at that hearing?

22 A Yes, sir, I believe I have.

23 Q And have you also been provided with -- with copies of

24 Dr. Sensabaugh's and Mr. Wraxall's testimony?

25 A No, I have not.

26 Q Have you gone back and read your testimony at the

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1       Kelly-Frye hearing?

2       A    I have skimmed it. I haven't read it in detail.

3       Q    Do you recall during that hearing my asking you numerous  
4            questions about sample degradation?

5       A    Yes, I do.

6       Q    Have you gone back and attempted to determine whether  
7            any of the answers that you gave to those questions were  
8            incorrect?

9       A    Okay. Again, since I haven't read it in detail, I have  
10           not, no.

11      Q    Have you -- have you received any further testing --  
12            excuse me -- any further instruction in the biochemistry  
13            that's involved in making calls since you testified in  
14            that hearing in April?

15      A    Well, I have obtained further information, yes, in  
16            particular, the one on EAP.

17      Q    Well, do you still think that the reaction of neuraminidase  
18            with EAP causes wet state changes?

19      A    Well, that is a wet state change.

20      Q    With EAP?

21      A    I believe so, yes.

22      Q    If you were wrong about that, do you think that would  
23            affect your ability to call EAP?

24           MR. KOCHIS: Objection. That would call for  
25           speculation.

26           THE COURT: Overruled.

1 THE WITNESS: I don't know.

2 Q BY MR. NEGUS: Do you still think that in PGM deamidation  
3 results in a shift of the bands towards the cathode?

4 A I believe we clarified that in earlier proceedings,  
5 Mr. Negus, and the deamidation is an anodic shift.

6 That's a secondary band for PGM.

7 (No omissions.)

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1 Q Did you take -- when you were doing the -- the -- the  
2 test that you did on the suspected saliva and the  
3 cigarette butts, did you take photographs of your test  
4 to determine the presence of amylase?

5 A No, I did not.

6 Q When you were -- you went up to watch Mr. Wraxall work  
7 in the beginning of July, right?

8 A Yes, I did.

9 Q And you watched him do essentially the same type of test;  
10 is that right?

11 A Okay. As far as which cigarette butts, I'm not sure  
12 whether I tested the ones, whatever you're talking about,  
13 with the phaedebas or with the amylase diffusion test.

14 Q Okay. Well -- were -- how about V-12 and V-17? What --  
15 what test did you do on those?

16 A I believe I did the phaedebas test on those. I don't  
17 have noted which one I did. But I think at that time  
18 that's the test I was doing.

19 Q In which test did you watch Mr. Wraxall?

20 A He did the amylase diffusion test.

21 Q Why did you use -- why didn't you -- the -- the amylase  
22 diffusion test gives you more information than the  
23 phaedebas; is that correct?

24 A I would say so, yes.

25 Q Why didn't you use the amylase diffusion test back in  
26 June of 1983?

00-1-3-1-0077

- 1 A Simply because we didn't have it set up in our laboratory  
2 at that time.
- 3 Q You said that at the time that you were doing the tests  
4 on the saliva and semen you were using the tube technique  
5 for absorption-inhibition. What -- what do you use now?
- 6 A I use the technique -- well, it's a -- done on microtiter  
7 plates.
- 8 Q Okay. And why did you change?
- 9 A Basically because it uses a smaller amount of sample.
- 10 Q You indicated that at that point in time you were -- you  
11 were doing three dilutions. How many do you do now?
- 12 A I do -- well, first of all, before I was doing a  
13 dilution of the antisera. Now I'm doing a dilution of  
14 the -- of the extract itself. And I'll do anywhere from  
15 three, four, five, depending on the sample.
- 16 Q Why did you change from diluting the antisera to diluting  
17 the sample?
- 18 A The basic reason is because that -- that's how it is  
19 outlined in the -- in the original procedure by Ed Blake.
- 20 Q Why did you do it the other way back in June?
- 21 A That's the way that I learned it from the Colorado Bureau  
22 of Investigation in Denver, Colorado. And it's up in --  
23 it is still and was a reliable technique at that time.
- 24 Q In the general literature, is -- are three dilutions  
25 recognized as sufficient to do that technique, the tube  
26 technique?

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- 1 A Tube technique?
- 2 Q Uh-huh.
- 3 A The literature that I have seen, yes.
- 4 Q Is there any problem in doing absorption-inhibition if
- 5 you don't use enough different dilutions?
- 6 A There can be, yes.
- 7 Q What problems?
- 8 A The problems of what is called a pro-zone effect or a
- 9 post-zone effect.
- 10 Q What does that mean?
- 11 A Simply that either you have too much antibody or too
- 12 much antigen, and you get false readings.
- 13 (A discussion was held regarding another
- 14 case, reported but not transcribed.)
- 15 Q (BY MR. NEGUS:) On V-12, the non-filter cigarette,
- 16 how much paper did you take off the proximal end of that
- 17 in order to do your test?
- 18 A I would say it would be an eighth, somewhere between
- 19 and eighth to a quarter of an inch.
- 20 Q And how much paper did you take off the proximal end
- 21 of the filter cigarette?
- 22 A Again, about the same amount.
- 23 Q Have you learned since you last testified that the
- 24 information available to you in June of 1983 was
- 25 insufficient to make a -- to reach a conclusion that
- 26 your results were indicative of a non-secretor?

0-1-3-1-0057

- 1 A That's based on discussion with Brian Wraxall, yes.  
2 He believes so. And I still have research to do in that  
3 area to find out whether it is or not.
- 4 Q When Mr. Wraxall was doing his testing of the saliva --  
5 of the saliva and semen stains in July, the first full  
6 week in July you were there watching him; is that  
7 correct?
- 8 A That is correct.
- 9 Q On one of the semen stains, did he have a result in which  
10 there was more H antigen detected than A antigen?
- 11 A Okay. I don't remember specific results. And I know  
12 that he did work subsequent to that. But I believe at  
13 the time I was there that he did. I'm not sure.
- 14 Q Your opinion of that stain was that it came from a Type A  
15 person; is that right?
- 16 A Well, I haven't seen the total results of the -- of the  
17 stain.
- 18 Q You -- you tested the stain yourself back in June of  
19 1983, right?
- 20 A I believe at that time I said it was from a non-secretor.
- 21 Q You never did any tests for -- for the ABO type of stain?
- 22 A Yes, I did.
- 23 Q And when was that? Let me withdraw that question.
- 24 Do you have an explanation for why, when Mr.  
25 Wraxall tested J-13-C, I believe it was, that he got  
26 more H antigen showing up than A?

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1 A Not without knowing further what Mr. Wraxall did  
2 specifically, no. I can't really say.

3 Q Do you still believe -- well, do you recall testifying  
4 at the Preliminary Hearing that with EsD, when it's  
5 just aging, just getting older, an EsD -- stain containing  
6 EsD, that the 2 band will last longer than both the 1  
7 band and the 3 band?

8 A The -- I don't know what you're talking about there.

9 Q At the Preliminary Hearing, we discussed at length the  
10 differential stabilities of the various -- of the various  
11 -- of various different bands, that is, in -- in the --  
12 like the a, b, c, d in PGM, that sort of thing. Do you  
13 remember that?

14 A Yes, basically.

15 Q Okay. And then as far as the -- as far as EsD is  
16 concerned, if you plot it out, there's going to be three  
17 bands, right?

18 A That is correct.

19 Q Now, do you recall that -- stating that the second of  
20 the three bands in an EsD will last longer than the first?

21 A No, I do not, but --

22 (No omissions.)  
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1 Q Do you believe that's true?

2 A Well, the intensity of the thing, the intensity of the  
3 band, is higher anyway, than if you're talking about an  
4 EsD 2-1.

5 Q What about in a 1?

6 A In a 1, you have just one basic band. There are --  
7 there is another storage band in there.

8 Q Okay. Do -- which of those two will fade faster, if  
9 either?

10 A Well, I've seen it a couple ways. One is where the  
11 storage band is intensified to the point that they're  
12 almost equal intensities to the main 1 band, and then  
13 the storage bands is equal intensities with that, and  
14 then they seem to degrade evenly with that, and then  
15 I've seen it where they both degrade about the same rate.

16 Q Using the chisum technique for absorption-elution, as  
17 you were doing -- well, when you were doing the testing  
18 in June on bloodstains, did you use any technique other  
19 than -- for absorption-elution other than chisum?

20 A Well, I know that at times, I would use a thread, but I  
21 believe at that time I was using the chisum method.

22 Q Exclusively?

23 A Probably on this case, yes.

24 Q And that had nothing to do with the amount of sample  
25 that you had, but that was just the technique you were  
26 using at the time?

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1 A Yes, it is.

2 Q And were you making calls at that time from the chisum  
3 technique with -- with neither a negative control or a  
4 result on the Lattes test?

5 A I believe I was indicating blood types, yes.

6 Q What's the difference between indicating and making a  
7 call?

8 A Well, it's I guess a matter of degree. The -- with the  
9 Lattes reverse typing and a negative control, you're  
10 more confident in your result; however, there's still  
11 information to be obtained from doing simply the forward  
12 test.

13 Q Well, for example, on the hatchet, was it your call that  
14 you had Type B blood on that hatchet?

15 A An indication of B blood, yes.

16 Q What do you mean? I mean can you say that it was, or  
17 is it consistent with, also consistent with microbes?  
18 I mean what --

19 A It's basically the -- the best word that I have is it's  
20 indicative of B blood, because I do have the B antigen  
21 present, and there's human blood present.

22 Q Does that mean you can say you're sure there's B blood  
23 there?

24 A Not absolutely, no.

25 Q Is there any reason why you didn't try and use any  
26 negative controls on the hatchet?

0-1-1-0007

1 A I believe at the time that I did the testing on the  
2 hatchet, it wasn't available for the blood collected  
3 from the hatchet. I don't think it was available to get  
4 a negative control from, but I hadn't seen the hatchet  
5 up to that point.

6 Q As you were using the chisum technique in June of 1983,  
7 you would make a call from the agglutination of as few  
8 as two or three cells; is that correct?

9 A No.

10 Q How many -- how many cells did you look at to see had  
11 agglutinated before you'd make a call?

12 A I hadn't really thought of counting the cells, Mr. Negus.  
13 It's a matter of looking under a microscope and seeing  
14 the degree of agglutination.

15 Q Well, how much -- can you -- I mean people have used  
16 the chisum technique to attempt to make calls based on  
17 as few as -- the agglutination of as few as two or three  
18 cells; is that correct?

19 A I think you're thinking about the Lattes technique.

20 Q I'm talking about -- I'm asking you about chisum.

21 A I don't know about the chisum. I wouldn't.

22 Q Well, how much activity do you want before you make a call?

23 A I would say, depending on my controls that are available,  
24 anywhere from what's called a 2+ to a 4+ agglutination.

25 Q What's -- tell me what -- what does a 2+ and a 4+ mean?

26 A A 4+ agglutination would mean that essentially all the

00-1-1-6100

25 Q Mr. Gregonis, on the chisum technique, does that technique  
26 employ controls?

013191

- 1 A Yes, it does.
- 2 Q What type of controls?
- 3 A ABO blood standards.
- 4 Q And did you use the controls on the chisum technique
- 5 when you tested the stains in this particular case?
- 6 A Yes, I did.
- 7 Q Would that have included the suspected bloodstain on the
- 8 hatchet in this particular case?
- 9 A Yes, it did.
- 10 Q Did you use any other tests for ABO other than the
- 11 chisum technique on the hatchet stain?
- 12 A I attempted to do the Lattes technique for the antibodies.
- 13 Q And what happened when you attempted to do that technique?
- 14 A I got negative results on that.
- 15 Q And do you have a suspicion as to why you got negative
- 16 results?
- 17 A Two suspicions, really. One is the fact that the ax I
- 18 believe was Super Glued prior to the taking of the
- 19 suspected blood, and also that it had laid in a field
- 20 for approximately a day before being picked up.
- 21 MR. KOCHIS: Thank you.
- 22 I have nothing else.

## RE CROSS-EXAMINATION

BY MR. NEGUS:

- 25 Q Didn't you testify last month that Super Glue didn't have
- 26

0-1-3-1-0-2-2

1 any effect on the ability to type?

2 A I believe that's true, and, again, I said that's a  
3 possibility. I think the main possibility is that it  
4 was because it was laying out in the field for,  
5 theoretically, a day or longer.

6 (No omissions.)

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1 Q How did the controls come out when you did the -- when  
2 you did the ax?

3 A The controls came out, I would say, sufficient. The  
4 A is a little weak, as is the O. But, again, there's  
5 sufficient.

6 Q What -- what -- what does the plus 1 mean?

7 A Plus 1 means several smaller clumps of red blood cells.

8 Q Can that be an indication that your anti-A serum is  
9 weak?

10 A It could be. However, based on the control for the A  
11 that I use, I know from experience that simply it is a  
12 weak A to begin with. So if I'm picking it up, even in  
13 a plus 1 state, I believe that the test is sufficiently  
14 strong.

15 MR. NEGUS: You're -- nothing further.

16 MR. KOCHIS: Nothing further.

17 THE COURT: You may step down.

18 THE WITNESS: Thank you, Your Honor.

19 THE COURT: Can you return at 1:15, Mr. Kochis?

20 MR. KOCHIS: I can.

21 THE COURT: Mr. Negus?

22 MR. NEGUS: I suppose.

23 THE COURT: Let me press you a little bit. I've  
24 got an out of state witness on a case that comes from some  
25 long distance that we have some emergency about.

26 MR. NEGUS: I could tell you it's not going to take --

0-1-3-1-6-4

1 having finished with Mr. Gregonis, it's not going to take too  
2 long to go through this afternoon. But we -- I have no  
3 problem with 1:15.

4 THE COURT: I'm willing to come in at 1:30 if you  
5 think we can finish it in 30 minutes.

6 MR. KOCHIS: I can never guarantee anything.

7 MR. NEGUS: 1:15 sounds safer.

8 THE COURT: I'm sorry?

9 MR. NEGUS: 1:15 sounds safer.

10 THE COURT: Okay. Let's come in at 1:15. Okay.

11 (Whereupon the noon recess was taken at  
12 11:56 a.m.)  
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1 ONTARIO, CALIFORNIA; MONDAY, AUGUST 13, 1984; 1:16 P.M.

2 DEPARTMENT NO. 3 HON. RICHARD C. GARNER, JUDGE

3 (Appearances as heretofore noted.)

4

5 THE COURT: Counsel.

6 MR. NEGUS: I guess what we're to --

7 THE COURT: I think I might tell you that the  
8 pressure's somewhat off, so I've sent the case over to  
9 Department 1 that has Oregon people down. So take your time.

10 MR. NEGUS: Well, on the motion with respect to  
11 Mr. Gregonis' use of correct procedures and is he qualified  
12 to make calls, which is what I think we were just doing, I  
13 really, unless you have questions, I'm not really inclined to  
14 argue it too much.

15 THE COURT: All right.

16 You wish to be heard?

17 MR. KOCHIS: I would say that, in terms of a  
18 foundational level, that we have met that. That I believe  
19 as early as April other experts, including Dr. Morris and  
20 Dr. Wraxall, took the information that was memorialized on a  
21 chart and testified that in their opinion the exhibit that's  
22 now before the Court is a proper scientific procedure to use  
23 in an electrophoretic analysis of bloodstains. And I would  
24 argue that any discrepancy in what Mr. Gregonis did and what  
25 may be optimum may be a matter that would go to weight and  
26 not to admissibility.

00-1-3-1-0729

1 THE COURT: Anything?

2 MR. NEGUS: Nothing further.

3 THE COURT: Counsel, I accept that. So I will deny  
4 your motion in that regard. I think he's qualified.

5 Proceed further.

6 MR. NEGUS: Next motion we have to determine is --  
7 has to do with the relevance of statistical information as to  
8 the frequency in the -- in the community of various blood  
9 types. And I believe that People vs. Lindsey, which we have  
10 mentioned before, 84 Cal. Ap. 3d, 851, is one of the leading  
11 cases in this -- in this particular -- in this particular area.

12 The basic argument I would make is that, given the  
13 various problems with Mr. Gregonis' analysis, that the only thing  
14 that might be probative is the issue of does the blood match or  
15 does it not. If we get into the issue of what percentages in the  
16 community that we're going to be dealing with are in the world  
17 or in the country, the doubt as to the various outcomes of the  
18 various tests that he did is going to be such that it is not  
19 going to be possible to give a -- a figure, one that is --  
20 that is reliable as to the percentage of people in the  
21 community.

22 THE COURT: Counsel, I perhaps should be embarrassed,  
23 but I haven't read the Lindsey case. You want to recap it for  
24 me or give me a recess?

25 MR. NEGUS: Well, Lindsey says that blood evidence,  
26 and they dealt with ABO in that particular case, was not

0-1-3-1-9-7

1 relevant to show that the defendant was present at the scene  
2 of the crime without additional independent evidence tending  
3 to show either that the man who committed the crime did lose  
4 blood in the process, which we don't have here, or that the  
5 defendant was present at the scene. So that you -- that  
6 blood evidence can only be used to corroborate other evidence  
7 of the defendant's whereabouts at the scene.

8           So it's basically -- it's a relevancy question,  
9 that as to when -- when that evidence is relevant to prove  
10 the defendant's -- presence of the defendant. I would submit  
11 that that basically is their evidence in this particular case.

12           THE COURT: Well, without A-41, you would agree with  
13 that, Mr. Kochis, would you not, that there would be no  
14 relevancy to putting in the blood types unless we can -- unless  
15 we can put that to him?

16           MR. KOCHIS: Here's the way I look at the serology.  
17 Lindsey only applies to A-41. There are a number of other  
18 bloodstains that the People feel are very important, very  
19 relevant, specifically the stains on items of evidence, the  
20 rope and the button, that are found in the Lease house. But  
21 those, because they're consistent with either Mr. Cooper or  
22 Mr. Ryen, regardless of what position you take, they're  
23 equally relevant in that they support the People's position  
24 that the killer was also in the Lease house. I mention that  
25 because Lindsey doesn't seem to address that problem. Lindsey  
26 doesn't address the problem of blood that's consistent with

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1 coming from a victim being found in a location where the  
2 defendant was. So I'm wondering if I can get some guidance,  
3 perhaps, from Mr. Negus' argument, is -- I assume when he  
4 talks about the Lindsey objection he's limiting the objection  
5 specifically to A-41.

6 MR. NEGUS: No. I think that it's -- I think that  
7 it's even perhaps stronger with respect to the evidence, with  
8 respect to the hatchet, with respect to the -- with respect  
9 to the button and with respect to the rope, because the --

10 THE COURT: Well, now, wait a minute. If they can  
11 use that evidence of bloody items in the Lease house to tie it  
12 in with the Ryen house, that's certainly relevant.

13 MR. NEGUS: Well, but they can't. And, see, in --  
14 in Lindsey, what they said was that a Type O, or whatever it  
15 was in Lindsey, person, just having that -- that particular  
16 thing, because so many people could fill -- fall into the  
17 class of people from which that blood came, that unless you  
18 have some way to tie -- to, you know, to actually tie it in  
19 to the -- to this particular case, it's irrelevant. Like if  
20 you found a drop of Type A blood sitting here on the counsel  
21 table and you were trying to prove that some Type A person  
22 in the world had been here, it's just not relevant to do that  
23 unless you have some other evidence that they have -- that a  
24 Type A person has been there, because 40 percent of the  
25 population of the world is Type A.

26 THE COURT: It's one of remoteness, then, isn't it?

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3 Do you wish to be heard further?

14 THE COURT: Mr. Kochis?

23 As to the Ryen house in A-41, it's been our position  
24 that the evidence establishes circumstantially that the  
25 murderer, the person who murdered the Ryen family, was at  
26 a period in time close to the murders in the Lease house,

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1 and we make that argument based on the hatchet, which was  
2 last seen by the fireplace, enclosed with the hatchet sheath  
3 in the bedroom, the master bedroom that Kathy Bilbia lived  
4 in, which was moved out, which was cleaned, which was vacant,  
5 the hatchet sheath being found in that bedroom with some  
6 bedding not found in there when she moved out. The bedding  
7 had the semen type on it which the evidence has shown had to  
8 come from a Black man.

9 THE COURT: All right.

10 MR. KOCHIS: A Black man. It's found adjacent to  
11 the shower in which Mr. Cooper's footprint is found. The  
12 hatchet is found on the only paved roadway back to the main  
13 road. I think the evidence indicates circumstantially that  
14 the murderer took the hatchet from the Lease house, went to  
15 the Ryen house and committed the murder.

16 You also have the footprint on the bedsheet of the  
17 Ryen master bedroom in blood which matches the impression in  
18 dew on the spa cover which matches the impression in dust  
19 inside the Lease house. They're all consistent with being  
20 made by the same shoe that evidence at the prelim established,  
21 and that is with an impression that's consistent with being  
22 made by a Pro-Ked tennis shoe. The --

23 THE COURT: Counsel, I can stop you.

24 Mr. Negus, my quick notes when I was in there, that  
25 there would be sufficient corroboration under the Lindsey test  
26 by, one, we have the additional evidence that defendant was

MR. NEGUS: The disputed fact, though, is not that Mr. Cooper was at the Lease house, but with respect -- but the disputed fact is did the button, for example, and the rope and the ax somehow get into the Ryen house. The only evidence that the prosecution has for that is Mr. Gregonis' rather problematic typings of those -- those items. I mean the -- the purpose of the -- of the evidence of the blood on the button is not to show that Mr. Cooper was in the Lease house. The purpose is to show that somehow the button got from the Lease house -- from the Ryen house over to the Lease house, and the evidence of the blood is just not probative of that particular fact.

21 In addition to that, we have a time element involved  
22 in this that's going to circumstantially put him in the Ryen  
23 house, at least arguably.

24 Counsel, as I indicated before I even read the case,  
25 as opposed to pure relevancy, it's one of remoteness, and I  
26 don't find it too remote under the circumstances here; so it

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1 may be received.

2 Next, please.

3 MR. NEGUS: Last motion that I was planning on doing  
4 today was a motion under 1385 to dismiss the special circum-  
5 stance allegations or at least the death penalty part of  
6 that. The -- I forgot to bring the right file with me, but  
7 there's a Williams case which I think is found at 30 Cal.3d  
8 something which indicates that you can -- that the judge has  
9 a right to use 1385 to dismiss special circumstances or to  
10 reduce a penalty from death to life.

11 In another two weeks there will be a case that says  
12 you don't have to wait till after a case has been tried to  
13 say that, but I think you could make that argument from the  
14 Williams case right now.

15 THE COURT: Well, assume the law. Why would I do it  
16 in this particular case?

17 MR. NEGUS: Because under Woodson vs. North Carolina,  
18 the penalty of death should only be applied in a situation  
19 where you can have substantial certainty that the person  
20 that you're accusing of doing it is in fact the perpetrator.  
21 There's -- there's a requirement in -- in -- in those cases  
22 that we know that you're giving the death penalty to the  
23 right person.

24 I would submit that all the evidence brought forth  
25 in the Hitch motion and in the motion on the serological  
26 evidence is -- shows that the Sheriff's Department in their

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1 handling of this particular case has made it impossible for  
2 us to obtain the kind of certainty which is necessary in  
3 order to impose a judgment of death under both the  
4 California and the U.S. Constitution.

5 THE COURT: Anything?

6 MR. KOCHIS: I think the motion is premature, and I  
7 dispute everything that Mr. Negus has said. I don't know  
8 of a case that indicates at this point the appropriate thing  
9 for the Court to do would be to dismiss the death allegation.

10 THE COURT: We have our remedy later on. I'm sure I  
11 have the power, if I'm not convinced sufficiently, to set  
12 aside a jury's verdict.

13 MR. NEGUS: The great advantage of doing it now,  
14 rather than later on, is that we're more likely to get a  
15 fair trial on the issue of guilt or innocence if we do not  
16 have to have a death-qualified jury, and it certainly would  
17 save substantial time.

18 THE COURT: I'd like to save time, Counsel, but in  
19 this case, I've heard enough to where it -- it can go to the  
20 jury. I will not take such a step at this time; so that's  
21 denied.

22 Mr. Kochis at one time suggested that Harris  
23 indicated the propriety of an amendment to the Information.

24 MR. KOCHIS: I have read Harris. I have discussed  
25 it with Mr. Kottmeier, and absent something unusual taking  
26 place, I would anticipate prior to the time we return on

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1 September the 3rd, if not prior to that time, on the 3rd of  
2 September filing an amended Information with the Court that  
3 would reflect four counts of murder, one count of attempted  
4 murder, and one allegation of special circumstance multiple  
5 murder to apply to the case. And the escape, of course.

6 THE COURT: All right. We're going to resume on  
7 the --

8 MR. NEGUS: Fourth.

9 THE COURT: Fourth of September, and the topic for  
10 consideration at that time is Joshua Ryen; correct?

11 MR. NEGUS: At that point in time is -- well,  
12 Your Honor, I'd like to give notice now to the whole world  
13 that we will be requesting, and I believe Mr. Kochis will  
14 be joining in that request, that that hearing with respect  
15 to him be closed to the public for special reasons which  
16 have to do with his security as much as anything else.

17 THE COURT: You're not asking just to avoid extended  
18 coverage now, but to close the proceedings?

19 MR. NEGUS: That's right, and that's clearly  
20 something which is within the Court's prerogative under all  
21 the United States Supreme Court cases.

22 THE COURT: Will you be filing anything in that  
23 regard? I don't really know the extent of what's coming  
24 up, I don't think.

25 MR. NEGUS: All I intend to do --

26 THE COURT: You know, I haven't hesitated before in

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1 taking up matters in chambers where I thought that the public  
2 at large should not hear my words or perhaps yours.

3 MR. NEGUS: Well, this will involve testimony. We  
4 received various confidential materials on Joshua Ryen  
5 pursuant to an agreement that we've worked out with the  
6 counsel for the two people, Richard Ryen and Mary Howell,  
7 who have a stake in Joshua's future custody and who are --  
8 apparently I believe now have joint custody of Joshua, and  
9 as part of the motions on Joshua --

10 THE COURT: When you say "we have received," both you  
11 and Mr. Kochis?

12 MR. NEGUS: Yes. Mr. Kochis and I have both  
13 received this information. The main -- I believe the bulk  
14 of what the testimony and evidence that I will be presenting  
15 at that motion will be based in large part on -- on those  
16 confidential materials. There are -- Judge Schaefer has  
17 already made a motion on that actual custody case keeping  
18 that material confidential for a --

19 (No omissions.)  
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1 THE COURT: . You mean he's made an order to keep it  
2 confidential?

3 MR. NEGUS: Yes. That hearing was closed to the  
4 public. And the records are currently sealed. We have them  
5 pursuant to a stipulation signed by him that we would not  
6 release them to anybody else and that we would make this  
7 particular motion when we got to this particular stage. So I  
8 just wanted to let you know that we would be making that.

9 And I think also that there's -- that the issue of  
10 Josh Ryen is also a rather inflammatory one. And if you  
11 consider the possibilities of having extensive publicity on  
12 that just before we start going to jury selection, that would  
13 not be in Mr. Cooper's interests, either, or in the interest  
14 of having a quick trial there.

15 And I can give you -- I'm just telling you what we're  
16 going to do. I can -- we can make, I think, Mr. Kochis and  
17 I, both a better record to justify it, what we're saying,  
18 with more detail when we start up on the 4th.

19 THE COURT: Are you at liberty to let me see a copy  
20 of your reports or not, the one -- the confidential information  
21 that you --

22 MR. NEGUS: Only if it's kept --

23 MR. KOCHIS: I'm going to have no objection to that,  
24 assuming they would be admissible at the hearing. I -- I  
25 don't know yet from Mr. Negus exactly who he's going to call,  
26 what his expert's name is and what areas we're going to be

1 getting into.

2 MR. NEGUS: I don't know that, either, because it  
3 hasn't yet been finished. We didn't get them all that long  
4 ago. And I haven't had a chance to process them.

5 THE COURT: Counsel, I simply want -- I would like  
6 you to file something, a formal request, supported by  
7 declaration with authority in some way justifying the closed  
8 hearing, because in this case, when we close a hearing, we're  
9 going to perhaps broaden the scope of inquiry, and we get the  
10 newspapers here, and we get off on free press --

11 MR. NEGUS: I'm not sure if the newspapers are aware  
12 we're going to be beginning on the 4th.

13 MR. KOCHIS: One thing I can add, Your Honor, my  
14 understanding at this period of time is the media is not aware  
15 that we're going to be litigating as to Joshua Ryen on  
16 September the 4th. I don't intend to make that information  
17 available to them. And if no one else does, I suspect they  
18 simply won't show.

19 THE COURT: I understand.

20 MR. NEGUS: I've studiously avoided letting them  
21 know that myself.

22 THE COURT: I understand it. Both of you have  
23 succinctly told the press and our media no comment. And I  
24 respect you for that. I appreciate that, frankly. I'm not  
25 against it. I simply want to make sure we're on good grounds.  
26 And I think that I can probably do that. But somebody --

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1 sometimes you run into a buzz saw --

2 MR. NEGUS: I'll make sure you have the proper  
3 documentation and evidence from which to make such a finding.

4 THE COURT: And that can be a sealed document that  
5 need not be reflected in the file. But furnish that to me,  
6 and I'll -- I'm, at this time, amenable to doing that. I  
7 want to make sure certainly I don't make some precipitous  
8 order that brings the wrath of God down on me and the press.  
9 Once before, when I did that, I got deluged with stuff from  
10 New Jersey and Connecticut and New York and all over the  
11 country. Everybody, all the different newspapers, are quick  
12 to jump in when they think they have been stepped on in any  
13 way. And I'm not afraid of that except that I don't want to  
14 do it unless there's good cause for it and unless I'm on good  
15 grounds.

16 Anything further?

17 MR. KOCHIS: No.

18 THE COURT: We resume, then, in this department on  
19 the 3rd -- 4th of September at the hour of 9:30. That --  
20 following that hearing, probably on Friday, in fact, if you --  
21 I'll make an order transferring Mr. Cooper to San Diego.  
22 But I didn't think that I would do that until right before  
23 the time comes up. Probably Friday of that week.

24 If you see Sergeant Reynoso over there, would you  
25 have him drop by. I'd like to talk to him, see if he's going  
26 to be going down there for any reason at all.

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1 DEPUTY COYLE: Yes, I will.

2 THE COURT: Anything further?

3 MR. KOCHIS: Your Honor, the terms you requested on  
4 behalf of Mr. Negus in San Diego regarding their jury selection  
5 process, have those arrived?

6 THE COURT: Let me look in my basket. I haven't --  
7 it may be there. I haven't checked it out. Hold on just a  
8 minute.

9 (Recess.)

10 THE COURT: Apparently not, Counsel, not yet.

11 MR. KOCHIS: Fine.

12 THE COURT: I'll shoot it out to you as soon as I  
13 get it.

14 MR. NEGUS: Okay.

15 THE COURT: Thank you.

16 (Whereupon the proceedings were concluded  
17 at 1:45 p.m.)  
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