



UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIRECTORATE OF REGULATORY OPERATIONS  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

JUL 8 1974

Mr. Harry Thornburg, Chief, Field Support and Enforcement Branch, EO:HQ

The following summarizes my daily telephone conversations with George Smith concerning the status of [ ] of Isomedix, Inc.

June 27, 1974

Dr. Nial Wald: Patient - feels perfectly well.

Lab. data unchanged.

Day-8 chromosome analysis (Wald's) completed and confirms day-3 analysis of a 400 Rad dose rather uniformly distributed.

Dr. Hogan, St. Barnabas Hospital has been conferring with their consultant Dr. Thomas in Seattle.

No plans to move patient to Seattle.

Mr. Dietz; Patient feels perfectly well.

Mr. Masfield: No info on blood counts.

June 28, 1974

Dr. Nial Wald: Patient feels perfectly well.

Still no clinical changes.

Platelets a bit lower but really nothing new.

Dr. Hogan of St. Barnabas has been communicating with Dr. Thomas of Seattle.

Mr. Masfield: No information just back from Morton Grove, Illinois.

July 1, 1974

Mr. Masfield: [ ] Improving.

OFFICE ▶	CRESS				
SURNAME ▶	Nelson/jd	O'Reilly			
DATE ▶	7/8/74				

Form AEC-318 (Rev. 9-53) AECM 0240

8507200185 850510  
PDR FOIA  
GLOWACK85-111 PDR

19

White blood count up (3,000 and up).

No symptoms - no epilation.

Drs. very encouraged and believe he may have "bottomed out".

Dr. Nial Wald: Wald tied up in a meeting therefore no info from him.

Called attention to the fact that the above info of Masfield didn't follow Wald's prediction.

July 2, 1974

Dr. Nial Wald: Surprised at Masfield's 7/1 input.

Patient feeling well. However, blood counts are again falling.

White blood count - Sat. 6/29	3700
Sun. 6/30	2400
Mon. 7/1	2000

Platelets	200,000 initially
	160,000 last week
	109,000 now

Lack of epilation at this time, day 18, not yet significant and doesn't change his dose estimate of 400 Rad.

Dr. Hogan of St. Barnabas had prepared for any problems which might develop over the weekend. Platelet administration lined up.

Wald had completed his final refinement of dose by chromosome analysis -		
day 3	day 8	
deletion frequency	395	390
rings and dicentric frequency	410	450

These results indicated a rather uniformly distributed dose of 400 Rad.

Blood changes compatible with this dose estimate.

OFFICE

SURNAME

DATE

July 3, 1974

Dr. Niel Wald: Patient feels fine.

Began to epilate - head and arms day 19. This indicates a rather uniform dose of at least 300 Rad (even higher dose Co-60)

Uniform dose makes for a tougher problem

If complications occur - Wald will revisit St. Barnabus.

Mr. Massfield: Patient feels fine.

Morale great.

Blood count dropping.

Losing a little hair on one side of head.

Paul R. Nelson, Chief  
Radiological and Environmental  
Protection Branch

cc: Gen Roy  
George Smith

OFFICE

SURNAME

DATE