

J. M. Bell

October 2, 1958

OFFICE VISIT FROM: Personnel from Dick X-Ray Company
and Designs for Tomorrow, Inc.

Those present at the meeting included J. W. Hitch, Assistant Chief, Isotopes Branch, D. A. Smith, Isotopes Branch, J. M. Bell, Isotopes Branch, R. E. Brinkman, Isotopes Branch, Frank B. Niedner, Vice President, Dick X-Ray Company, William D. Henry, Dick X-Ray Company, and Karl P. W. Wolf, President, Designs for Tomorrow, Inc.

The purpose of the visit as expressed by Mr. Niedner, was to clarify the relationship of Dick X-Ray and Designs for Tomorrow, Inc. (DEFT) with respect to the manufacturer, loading and distribution of "Commando" teletherapy units, in addition to answering any further questions we might have concerning the "Commando" teletherapy unit. Mr. Wolf explained that DEFT was an entirely new company made up of personnel from the NRD Instrument Division of Nuclear Consultants, St. Louis, Missouri. NRD Division of Nuclear Consultants will move to New Jersey in the near future when Nuclear Consultants of St. Louis is sold to Dr. W. R. Konneker. Dr. Konneker will retain the name Nuclear Consultants, but will no longer operate this company as a division of Nuclear Corporation of America. DEFT will not be related to Nucor or the new Nuclear Consultants Company.

DEFT will manufacture the "Commando" teletherapy units for distribution by Dick X-Ray. DEFT wishes to load Cobalt-60 sources into the teletherapy unit heads at the factory. The form of an application to be submitted by DEFT for a license covering this use of teletherapy sources was discussed. The need for complete operating and administrative procedures was stressed and it was also pointed out by J. W. Hitch that we should receive a letter of explanation concerning the reorganization of NRD personnel into the DEFT Corporation. Mr. Wolf stated that DEFT would like to be licensed for the possession of 2 or 3 teletherapy sources since a need will probably arise for the storage of 1 or 2 sources at the factory in teletherapy heads prior to their distribution to customers. He was informed that this should be indicated in his application and covered in his procedures.

Mr. Henry of Dick X-Ray indicated that there will be a need for exchanging or unloading teletherapy sources at customers facilities for maintenance purposes when sources have decayed. It was decided to include loading operations in the field on the DEFT licensee so that DEFT personnel as well as Dick personnel could perform these operations. Mr. Niedner agreed to this. It was pointed out that we will need an addendum to the previously submitted loading procedures (submitted by Nuclear Consultants) indicating the procedures to be followed in replacing the source at a customers' facility. Since Dick X-Ray owns the loading equipment which has been used by NRD of Nuclear Consultants, this same equipment will be used by DEFT on loan from Dick X-Ray.

The emergency procedures both for company personnel and teletherapy licensees (previously submitted by NRD) were discussed. The feeling was expressed by Messrs. Niedner, Wolf and Henry that Step 11 of the emergency procedures for teletherapy licensees should be changed since it was unclear. A new set of

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procedures will be submitted. It was also agreed that the wording of Step 6 of the emergency procedures for maintenance personnel could be better worded and would be re-submitted in a new set of procedures.

The labelling of "Commando" teletherapy sources was discussed. It was pointed out that our letter of July 21, 1958 to Mr. Wolf requested that the source be labelled to show the manufacturer's name, the Isotope present and the source serial number. There apparently was some misunderstanding in this matter since sources had been engraved and one loaded with Cobalt 60 without the manufacturer's name appearing on the capsule. Mr. Wolf pointed out that it would be difficult to engrave so much information on the source capsule. Mr. Wolf was informed that if necessary the amount of Cobalt 60 contained in the source could ~~not~~ be omitted from the label and this information replaced with the manufacturers name. It was decided that the capsule now loaded and in possession of the Budd Company need not be re-engraved to show the manufacturer's name. It was requested that 2 other empty capsules in possession of the Budd Company be engraved to include the manufacturers name if this could be accomplished without undue difficulty. It was agreed that all subsequent sources would be engraved to show this information. The 3 capsules in possession of the Budd Company are numbers 5, 6 and 7.

The necessity for keeping records concerning the distribution of cobalt sources was discussed and it was decided that since DEFT would be the licensee, and would therefore be required to keep such records by Part 30, that they would keep such records instead of Dick X-Ray.

It was requested that either Dick X-Ray or DEFT notify us of the shipment of sources to their customers, supplying us with a statement of source size and the date of shipment. Mr. Wolf stated that a 205 curie cobalt source was shipped to Patrick A. Lynch, Yakima, Washington, during the last week of September 1958.

The exporting of teletherapy sources was discussed. Section 30.33 of 10-CFR-30 was pointed out to Messrs. Niedner, Wolf and Henry and the possibility of an agent taking temporary possession of sources as discussed. It was pointed out that such an agent would need a license in order to pass the source through customs.

Memo to Files

May 3, 1960

D. A. Smith
D. A. Smith

TELEPHONE CALL MAY 2, 1960 TO M. TERPOGESSIAN, WASHINGTON
UNIVERSITY SCHOOL OF MEDICINE, ST. LOUIS 10, MISSOURI AND
MR. FRANK HEIDNER OF DICK X-RAY COMPANY, ST. LOUIS

SYMBOL: DLR:IE:RAS

April 27, 1960 TerPogessian reported a leaking teletherapy source. Call was placed to learn their plans for source replacement. Heidner was in TerPogessian's office discussing the same subject so conversation largely with Heidner.

The Dick X-Ray source which leaked is the source shown in Dick X-Ray drawing dated June 11, 1957. One end of the source was sealed by a window (30 mils) which is silver soldered in place. Heidner stated that 1100 or 1200 degree solder was used. That cap is put in place before the cobalt is loaded. After the Cobalt is inserted by Budd Co., a plug is screwed in the open end and soldered with 1600 or 1700 degree solder (These figures from Santoro of Budd on April 29, 1960. Santoro indicated that this high temperature may loosen the window solder.)

At the beginning of this year, Dick X-Ray went to a new capsule design (although we were not informed). The new capsule does not have a window which is soldered, rather the window is made by end milling a hole in the capsule block and face milling the outer surface. Heidner claims this is not a particularly difficult job for a good machine shop. TerPogessian stated that he has seen some of the empty capsules and they appeared well constructed. Heidner refers to this as a monolithic capsule. He has one such loaded capsule on hand in St. Louis. He has several empty monolithic capsules. Claims they have been subjected to 20 lbs. air pressure tests.

I informed Mr. Heidner that should he desire to supply such a source to Washington University, their license must first be amended to provide for the new style capsule.

We discussed our current requirements for doubly welded doubly encapsulated teletherapy sources and I inquired about their plans for such action. Unless Dick could find high specific activity cobalt of less than 1 cm. diameter, to require a double welded

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capsule would require scrapping their inventory of about 5 units. Weidner is to write us his thoughts on the subject.

Weidner questioned the value of the 7 day manufacturer's shelf test and stated that he didn't think it adequate to prevent leaks such as occurred at Washington University. I concurred, and went on to state that periodic leak tests thereafter may help minimize problems.

In discussing with TerPogossian his plans for a new source, he said he would leave it up to the AEC to determine what is a "good" source. Informed him we wanted his proposal and that when we issued a license we would not be guaranteeing that the source would not leak, rather that the license represented our opinion that TerPogossian was competent to handle problems if they did develop.

TerPogossian will request amendment to use a monolithic source and will refer to drawings to be supplied by Weidner. Weidner to bring us up to date on his source construction, both present and future.

OFFICE ▶					
SURNAME ▶	WAS				
DATE ▶	5/3/60				

FORM AEC-319 (Rev. 8-58)

U. S. GOVERNMENT PRINTING OFFICE 16-60761-5

THE DICK X-RAY COMPANY

DISTRIBUTORS

WESTINGHOUSE
X-RAY EQUIPMENT



May 1, 1950

4000 OLIVE STREET
ST. LOUIS 8, MISSOURI

D. A. Smith, Ph.D.
Eugene Franck
Division of Licensing & Regulations
U.S. Atomic Energy Commission
Washington 25, D.C.

Re: Source capsules - Commando Schalt to teletherapy unit

Dear Mr. Smith:

In compliance with your request there are enclosed three copies of our drawing #1950, setting forth details of the fabrication of the capsule (source link) to be employed with the Commando Schalt teletherapy unit.

This drawing supersedes WD Instrument Company drawing #1-1952-11, previously approved by AEC. It is believed the capsule described in the accompanying drawing represents a more secure enclosure for the source material than that originally approved by AEC, and that it can be safely sealed by welding or hard soldering.

Your approval of the capsule design set forth in the accompanying drawing is recommended as requested for the following reasons:

- (1) The capsule body illustrated is machined from the solid. No casting, die-forming, or spinning operations are involved in its fabrication. It is, therefore, inherently free of stresses and possible areas of weakness or faults, which may be introduced by any of these latter operations.
- (2) After finish machining the capsule is subjected to a positive air pressure test of 20 pounds per square inch gauge under water. The capsule must test leak-free before being approved for use.
- (3) The screw plug employed to mechanically secure the activity in the capsule (source link) provides adequate surface to permit the agency under load and seals the activity into the capsule to construct a leak-free seal, either by hard soldering or by welding.
- (4) The construction of a single, sound soldered or welded seal presents fewer mechanical problems than the construction of two or more successive soldered or welded seams, for it is not practical to determine directly the effects on initially constructed seals of the temperatures required to

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...the smallest diameter... necessary... will be necessary that we scrap our existing inventory of Commando teletherapy units, for it is impractical to construct a capsule to accommodate a 1 or diameter source and at the same time, hold the overall dimensions of such capsule wall construction within the limiting dimensions of the present source capsule as set forth on the enclosed drawing.

We realize that financial considerations cannot be a primary or determining consideration in situations of this sort. Nevertheless, neither is it possible for us to ignore the fact that our existing inventory of Commando teletherapy units has a retail value in excess of \$10,000.00. Of these, one is collated on a firm contract to an approved licensee, and the source material for this unit, loaded in a source capsule, manufactured in accordance with the enclosed drawings, is in the possession of Nuclear Consultants Corporation of this city, ready for loading into the unit. Several other units of the remaining inventory are the subject of active current negotiations with potential purchasers.

It is hoped that this request will be given your prompt and favorable consideration. Not only is there the immediate question of the status of the source material now in the possession of the Nuclear Consultants Corporation, which on a normal schedule will be loaded into a Commando unit within the next few days for shipment to Ada Seeds, R.D. License number AB-1948-1, at Anacouver, Washington, but there is also the more critical emergency situation represented by the apparently leaking source capsule in the Commando unit installed for the Washington University Medical School of this city, at the Mallinckrodt Institute, which situation was discussed with you on the long-distance telephone on Monday, last.

For reasons which are obvious, prompt steps to deal with existing situation at the Mallinckrodt Institute are of prime importance. The source capsule now installed in the unit at Mallinckrodt Institute is our serial #2, and is the last capsule fabricated in accordance with RD Company's drawing #Y-1002-4D. A principal step in rectifying the conditions prevailing at the Mallinckrodt Institute will be re-encapsulation of the source material. At this point it appears inadvisable to proceed with this step until the improved capsule design set forth on the enclosed drawings has received your approval.

If we can supply further significant information in this regard, you can of course, count on our complete cooperation. Thank you for your consideration in this connection.

Very truly,
[Signature]
Vice-President

FBWiegner/jc

TITLE		SOURCE LINK		XX° DENOTES SERIAL NUMBER.	
REVISIONS	DATE	STYLE	DOUBLE	TOLERANCES	
				DIMLESS SPEC.	
				FRAC. $\pm \frac{1}{64}$	
				DEC. $\pm .002$	
				ANGLES $\pm \frac{1}{2}^\circ$	
NOTE:	TYPE 416 STAINLESS	DATE:	9-1-59		
FINISH:	#5	THE DICK X-RAY CO.			
		ST. LOUIS, MISSOURI			

TITLE		SOURCE LINK		XX° DENOTES SERIAL NUMBER.	
REVISIONS	DATE	STYLE	DOUBLE	TOLERANCES	
				DIMLESS SPEC.	
				FRAC. $\pm \frac{1}{64}$	
				DEC. $\pm .002$	
				ANGLES $\pm \frac{1}{2}^\circ$	
DATE:	9-1-59				
MATERIAL:	TYPE 416 STAINLESS	THE DICK X-RAY CO.			
FINISH:	#5	ST. LOUIS, MISSOURI			

THE DICK X-RAY COMPANY

DISTRIBUTORS

WESTINGHOUSE
X-RAY EQUIPMENT



4000 OLIVE STREET
ST. LOUIS 8, MISSOURI

May 11, 1960

D. A. Smith, Ph. D.,
Isotope Branch,
Division of Licensing and Regulations,
U. S. Atomic Energy Commission,
Washington 25, D.C.

Re: Application for Licensing of The Dick X-Ray Company for
work in conjunction with the Commando Cobalt 60 Tele-
therapy Unit.

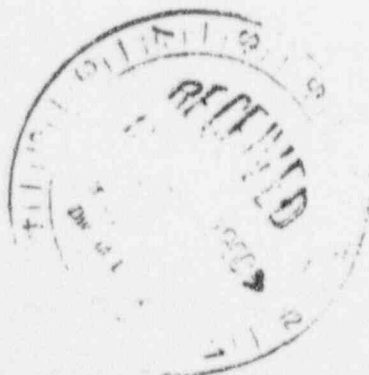
Dear Dr. Smith:

I am enclosing a copy of our original request for information
which would lead us towards obtaining a license covering our
required work on the above subject unit. While we never re-
ceived a reply to this original letter, your recent conversa-
tions with Dr. Ter-Pogossian at Washington University have
indicated that such an arrangement is in order.

We would greatly appreciate anything you can do for us in this
regard as we have felt quite hampered by our lack of the re-
quired license.

Sincerely yours,

WDHenry/hb



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DLR:IB:DAS

May 12, 1960

Mr. F. B. Weidner
The Dick X-Ray Company
4000 Olive Street
St. Louis 8, Missouri

Dear Mr. Weidner:

May 11, 1960 we amended Washington University School of Medicine's License No. 24-63-7. The amendment permits the University to replace their apparently leaking source capsule with a capsule constructed according to your Drawing #1950.

As we discussed in our telephone conversation of May 3, 1960, our licensing group is actively encouraging source manufacturers to discontinue construction of teletherapy source capsules which are sealed with a lead gasket and screw cap. In lieu of that design a double welded, double container capsule is recommended. This change in design appears particularly justified for larger sources (above 3,000 curies) where heat dissipation may be a problem.

In your letter of May 4, 1960 you presented a discussion and Drawing #1950 on Dick X-Ray Company's teletherapy capsule. That capsule, which normally will not contain more than 225 curies of Cobalt 60, departs from the above recommended double welded, double container design. However, the degree of departure does not presently appear sufficiently great that we should require re-working of units now constructed. We do suggest that in the construction of future units, consideration be given to a double welded, double container capsule.

You indicated that a source constructed according to Drawing #1950 is planned for Dr. Ann Seeds, Vancouver, Washington. Dr. Seeds' License No. 24-4944-1 presently provides for a source constructed according to your Drawing # Y-1002-49. Thus, prior to Dr. Seeds' receipt of the source, his license needs to be amended. He should request (by telegram or by letter) this amendment.

Sincerely yours,

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A/310

OFFICE >	DLR DASmith/vjh		Benjamin A. Smith Radiation Analyst Isotope Branch Division of Licensing and Regulation	
SUNNAME >	5/12/60			
DATE	5/12/60			

Form AEC-518 (Rev. 7-58) U. S. GOVERNMENT PRINTING OFFICE 16-60762-2

THE DICK X-RAY COMPANY

DISTRIBUTORS

WESTINGHOUSE
X-RAY EQUIPMENT



4000 OLIVE STREET
ST. LOUIS 8, MISSOURI

May 17, 1960

D. A. Smith, PHD,
Isotope Branch, Division of Licensing and Regulations,
United States Atomic Energy Commission,
Washington 25, D.C.

Re: Application for licensing of The Dick X-Ray Company for
work in conjunction with the Commando Cobalt 60 Teletherapy
unit.

Dear Dr. Smith:

Your recent telephone conversations with M. Ter Pegossian, PHD,
the the Mallinckrodt Institute of Radiology here in St. Louis,
have re-aroused our interest in filing an application for
licensing our firm to perform the necessary work in conjunction
with our Commando Teletherapy Unit. We would greatly appreciate
anything that could be done to hasten along this desired end re-
sult, inasmuch as we have felt hampered by it's lack.

We are enclosing a Thermofax copy of our original request to show
that our interest is of long standing. No reply has been received
to this original request and the present interest shown is very
heartening to us.

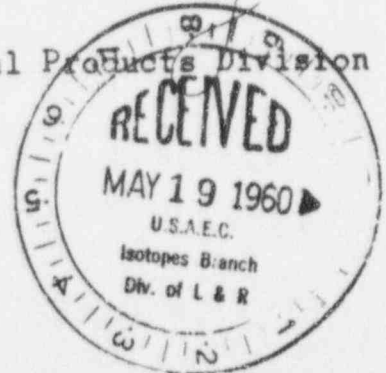
Yours very truly,

W.D. Henry A/311

Manager, Special Products Division

WDHenry/hb

9702450146 (P)



THE DICK X-RAY COMPANY

WESTINGHOUSE
X-RAY EQUIPMENT



June 2, 1960

4000 OLIVE STREET
ST. LOUIS 8, MISSOURI

D. A. Smith, Ph. D.
Isotopes Branch
Division of Licensing & Regulation
U.S. Atomic Energy Commission
Washington 25, D. C.



RE: DLR:IB:DAS

Dear Dr. Smith:

On May 4th this year, we wrote you requesting approval of certain modifications in the fabrication of the capsule (source link) to be employed with the Commando Cobalt 60 Teletherapy unit. Your reply dated May 12th, with the subject reference, granted permission to employ the modified capsule with units then constructed and in inventory.

Subsequent to this correspondence, we were advised by the Instruments Division of The Budd Company who load our capsules, that they had adopted a policy of sealing all capsules loaded by them with a Heliarc weld. They further advised that the configuration of our capsule body and the screw plug provided for its closure prohibited reliable welding with the special welding equipment which they had acquired for this purpose.

As a result, they requested certain tentative modifications in the capsule which they believed would enable them to make a satisfactory welded seal. Since that time we have provided them several capsules for trial welds. Based on these trial welds certain detailed changes in the fabrication of our capsule (source link) as originally set forth on our drawing no. 1950, copies of which accompanied our letter of May 4th, have been agreed upon. These changes have been incorporated in drawing #1950 as a revision. Three copies of the revised drawing are enclosed.

Essentially, a revision involves a substitution of a 1/8" thick stainless steel plug which is a press fit in the body of the capsule to replace the screw plug originally employed. This plug is sealed in place by Heliarc welding of the exposed joint between the plug and the body of the capsule after the plug is pressed home. The use of a press fit for this closure as well as the use of the Heliarc method of welding is in

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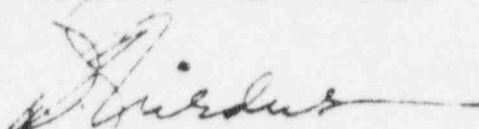
agreed upon with the representatives of ORNL as stated by
Mr. W. B. Pierce.

As of this date, no capsules have been sealed
and your approval is requested, however,
for the use of data received in subsequent encapsulations
required to load completed units which were in our inventory
in May 1964, and in addition, to re-encapsulate the activity
which will be removed from the leaking capsule removed from
the Commando unit owned and operated by the Washington
University Medical School at the Mallinckrodt Institute
here in St. Louis, Missouri.

As stated, the proposed changes are in accordance with
recommendations of the ORNL. In addition the encapsulator
has demonstrated by practice welds that a high degree of
quality control can be exercised in producing a securely
welded seal in this capsule. Your approval is requested.
We trust you will be able to give this matter your early
attention. Thank you for your cooperation.

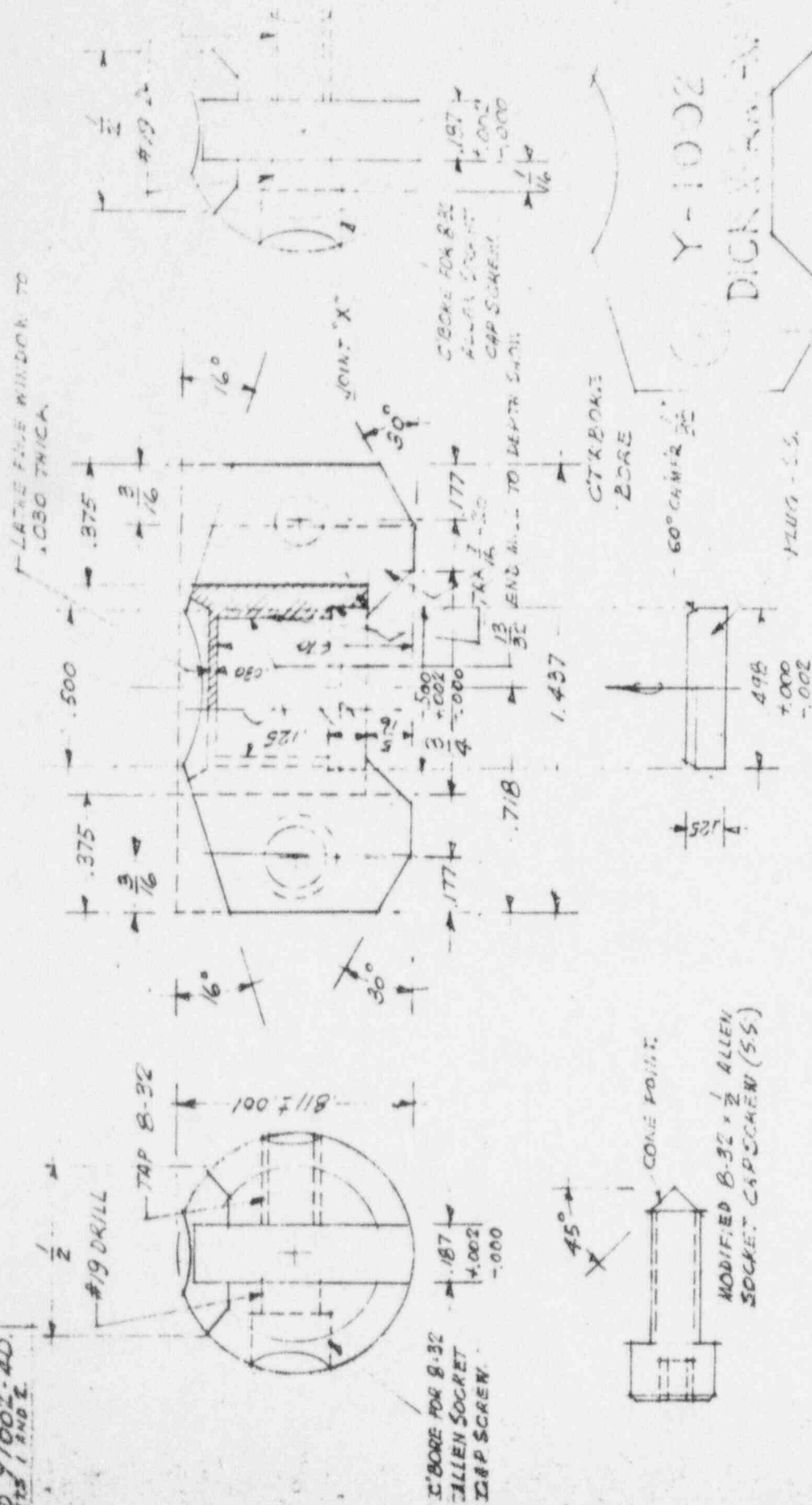
Yours very truly,

THE PICK X-RAY COMPANY


Vice-President

FBNiedner/je

UPPERCEDES
1RD Y100T-4D.
WRETS 1 AND 2.



EACH UNIT SHALL TEST LEAK-FREE
AT 200 PSI GUAGE AND PRESSURE
UNDER WATER AFTER FINISH
MACHINING.

NOTE:
ENCAPSULATOR PRESS PLUG HOME.
~~A~~ SEAL WITH "WELARC" CIRCUMFER-
ENTIAL WELD AT EXPOSED JOINT "X".
ALLOW NO WELD SPATTER ON CYLIN-
DRICAL SURFACE OF LINE.

TITLE	COPPER PLUG	
REVISIONS	DATE	BY
1. REPLACE SCREEN-PLUG WITH PRESS-FIT PLUG	6-1-60	
DATE	7-1-60	
TYPE	TYPE 40 - 100000	
FIGURE	FIGURE 1	

DLR:LB:DAB

June 6, 1960

Mr. W. D. Henry
Westinghouse X-Ray Equipment
The Dick X-Ray Company
4000 Olive Street
St. Louis 8, Missouri

Dear Mr. Henry:

Your letters of May 11, and May 17, 1960 inquired about procedures for obtaining a license for work with the Commando Cobalt 60 Teletherapy Unit. You also stated that you never received replies to similar inquiries dated July 29, 1958 and August 1, 1958.

We have no record of receipt of your letter dated July 29, 1958. Your letter dated August 1, 1958 was received August 5, 1958 and was answered during an office visit October 2, 1958. The meeting was held at 1717 "H" Street, N.W., Washington, D.C. and was attended by you, Frank B. Niedner, and Earl P. W. Wolf and by our J. W. Hitch, J. E. Bell, R. E. Brinkman and D. A. Smith.

To assist your preparation of a license application we have enclosed copies of the appropriate forms and regulations. And, since your application will be of a non-routine nature, we offer the following suggestions which are keyed to the numbered items on Form AEC-313:

Item No. 1(a) The license applicant would be
The Dick X-Ray Company
4000 Olive Street
St. Louis 8, Missouri

Item No. 1(b) Two statements concerning addresses of use
appear needed. You should state the Company
address at which you desire to store shipping
containers, perform source transfers, store
loaded heads, etc. It would also be appropriate to add a general statement such as
"teletherapy installations of customers of
The Dick X-Ray Company."

A/313

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- Item No. 2 The "department" is the department or similar sub-division which will perform the work with the Cobalt 60.
- Item No. 4 Specify each person who will use or directly supervise use of the licensed material.
- Item No. 5 Self-explanatory.
- Item No. 6(a) Cobalt 60.
- Item No. 6(b) Since you may be concerned with source replacements, you should specify both of your source model numbers. A possession limit of "3 sources not to exceed 225 curies each, total - 675 curies" may be appropriate.
- Item No. 7 Self-explanatory.
- Items No. 8 and 9. In lieu of extensive theoretical training and experience with radiation, it would be expected that the information submitted show that the individual users are intimately familiar with the shipping container, transfer equipment, and teletherapy heads. And that they have performed "dry runs" of transfers and will assist in at least one actual transfer prior to working independently. Some experience should also be shown for the four subitems stated in Item 8.
- Items No. 10, 11 and 12. It is expected that this information indicate that at each transfer site will be available at least one ionization type meter with a range capable of measuring 1 roentgen/hour, film badges, dosimeters and an instrument (possibly a geiger counter or scintillation counter) for measuring low level contamination.
- Items No. 13 and 14. A description of storage facilities, Rich X-Ray Company's radiation work area facilities and transfer equipment should be given. It is also expected that written transfer procedures be supplied persons performing the transfers. These procedures should include detailed steps for routine transfers and also possible emergency action in the event of a
-

Mr. W. D. Henry

- 3 -

June 6, 1960

non-routine transfer. Precautions against contamination should be included. The instructions should show the delegation of responsibility during transfers and precautions to be taken to minimize personnel exposures. A copy of the written procedures, in essentially the same form as they will be given the transfer technician, should be a part of your application.

Item No. 15 This should cover handling of possible low levels of contamination.

Items No. 16 and 17. The application should be signed by a person having contractual authority for your organization.

Sincerely yours,

Donovan A. Smith
Radiation Analyst
Isotopes Branch
Division of Licensing and Regulation

Enclosures:
Form AEC-313 w/instr.
Parts 20 and 30

cc: Inspection Div., OROO

OFFICE ▶	DLR					
SURNAME ▶	<i>Das</i> DASmith/vjh					
DATE ▶	6/6/60					

DLR:IB:DAS

June 8, 1960

Mr. F. B. Wiedner
Westinghouse X-Ray Equipment
The Rick X-Ray Company
4000 Olive Street
St. Louis 8, Missouri

Dear Mr. Wiedner:

This is to acknowledge your letter dated June 2, 1960 and revised
Drawing #1950.

It is our understanding that the source capsule will be sealed by
a Helarc weld in lieu of the previously proposed solder seal.
Since this change appears to decrease the possibility of leakage
from the capsule, it is acceptable to this office.

Sincerely yours,

Bourven A. Smith
Radiation Analyst
Isotopes Branch
Division of Licensing and
Regulation

cc: Sealed Source File

9762454156 (P)

DLR:IB

A1314

OFFICE	DLR					
SURNAME	DLR Smith/vjh					
DATE	6/8/60					

THE DICK X-RAY COMPANY

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WESTINGHOUSE
X-RAY EQUIPMENT



June 21, 1960

4000 OLIVE STREET
ST. LOUIS 8, MISSOURI

Donovan A. Smith, Ph. D.
U.S. Atomic Energy Commission
Division of Licensing & Regulation
Washington 25, D. C.

RE: Application for by-product material
license AEC-313, The Dick X-Ray Co.

Dear Dr. Smith:

Enclosed are three copies of this Company's Application For By-Product Material License prepared on Form AEC-313 together with four supporting enclosures.

We have been guided by the suggestions contained in your letter of June 6th, addressed to our Mr. W. D. Henry, in the preparation of the application and enclosures and we trust they will be found in good order.

We are naturally interested in obtaining our license for work as outlined in the application at the earliest possible date. We therefore hope our application can be given prompt attention. If further information or clarification of the enclosures is required, it will be appreciated if inquiries can be directed to the attention of the writer. Thank you for your cooperation.

Yours very truly,

THE DICK X-RAY COMPANY

[Signature]
Vice-President

FBNiedner/je



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