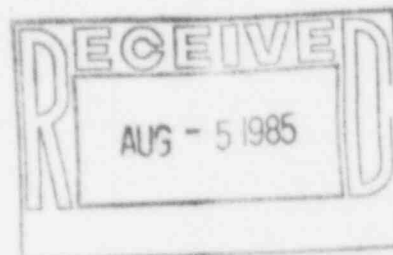


MEMORIAL HOSPITAL OF SWEETWATER COUNTY

POST OFFICE BOX 1359
1200 COLLEGE ROAD
ROCK SPRINGS, WYOMING 82901
(307) 362-3711



July 31, 1985



U.S. Nuclear Regulatory Commission
Material Radiation Protection Section
611 Ryan Plaza Drive
Suite 1000
Arlington, Texas 76011

Re: License # 49-17940-01

Dear Sirs:

This communication is intended for informational purposes regarding our activities in the Nuclear Imaging Department at Memorial Hospital of Sweetwater County.

We are currently using Cyclotron produced isotopes Iodine 123 and Thallium 201 for thyroid scans and cardiac scans respectively. In September 1985 we intend to begin using another Cyclotron produced isotope, Xenon 127, for ventilation imaging studies.

Our new imaging room has been adapted to perform these studies with a negative pressure exhaust ventilation system and a Xenon administration and trapping device with added lead shielding for this isotope.

These activities are in addition to our NRC licensed activities for which we have recently received an approved amendment.

Sincerely yours,

William R. Compton MD

William R. Compton, M.D.
Radiation Safety Officer

WRC/zp

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