

May 13, 1994

DOCKETED
USMPC



Secretary of the Commission
Nuclear Regulatory Commission
Washington, D.C. 20555

'94 MAY 23 P4:27

Equipment for Wastewater Treatment

Attention: Mr. Ivan Selin

OFFICE SECRETARY
DOCKETING

FILE NUMBER
CASE RULE PR 20

(59FR 9146)

Subject: Disposal of Radioactive Hospital Sewage

Dear Mr. Selin:

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We have been advised of recent concerns regarding disposal of radioactive body waste generated by hospital patients. Typically, that radioactive waste is disposed of in municipal wastewater treatment plants. The concerns are for contamination of the treatment plants, the employees and the environment beyond the plant discharges.

We are manufacturers of wastewater treatment equipment and are totally owned by Roediger Anlagenbau - GmbH of Hanau, Germany. Roediger is the market leader in wastewater treatment technology throughout the world. That technology includes design and installation of decontamination units for treatment of body waste generated by nuclear medical departments of hospitals.

Germany has had, for some time, governmental regulations (Strahlenschutzverordnung) demanding that such waste from hospitals be treated regarding radioactivity prior to release into the municipal sewage system.

Roediger has nearly fifty such treatment facilities in successful operation in Germany and Austria. We attach that installation list.

The purpose of this letter is to advise that the technology required is existing and readily available to you. The engineers and scientists of Roediger would be pleased to meet with you at any time and location to discuss the matter. Please use this office as a primary contact to arrange for a meeting. We would like to work with you toward our common goals.

Very truly yours,

ROEDIGER PITTSBURGH, INC.

Norman W. Teslik
Executive Vice President

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PDR PR PDR
20 59FR9146

NWT/jt

cc: Roediger Anlagenbau GmbH/Gerhard Kohlenberger
Nuclear Regulatory Commission/Docketing & Service Branch

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Auszug aus der
REFERENZLISTE
ABKLTMCANLAGEN

Stand: Oktober 1993

| | | |
|---|----------------------------|-------------|
| Kreiskrankenhaus | 32049 Herford | V + Sp |
| Deutsche Klinik für Diagnostik (DKD) | 65191 Wiesbaden | V + WW + Sp |
| St. Josefs Krankenhaus | 33098 Paderborn | V + Sp |
| Universität-Med.- Strahleninstitut | 72076 Tübingen | V + Sp |
| St. Antonius Krankenhaus | 53902 Eschweiler | V + Sp |
| Stadtkrankenhaus Hof | 95032 Hof | V + Sp |
| Klinik rechts der Isar | 81675 München | WC + Sp + U |
| Städt. Krankenanstalten | 33604 Bielefeld | V + L |
| Universität Ulm | 89081 Ulm | N + Sp |
| Allgemeines Kranken- haus (AKH) | A 1097 Wien | V + Sp |
| Paracelsus Klinik | 49076 Osnabrück | V + Sp |
| Krankenhaus der Barmherzigen Brüder | 93049 Regensburg | N + Sp |
| Kreiskrankenhaus Albstadt | 72458 Albstadt- Ehingen | N + Sp |

-2- Auszug aus der Referenzliste "Abklinganlage" Okt. 93

| | | |
|--|------------------------------|-------------|
| Krankenhaus Mutterhaus der Borromäerinnen | 54290 Trier | WC + Sp + U |
| Städt. Krankenhaus | 31134 Hildesheim | EC + Sp + U |
| Städt. Krankenanstalten | 55743 Idar - Oberstein | WC + Sp + U |
| Kreis- und Stadt- krankenhaus | 48527 Nordhorn | V + Sp |
| Krankenanstalten | 78464 Konstanz | V + Sp |
| Boehringer Mannheim G.m.b.H. | 68305 Mannheim | L + Sp |
| Universitätsklinik Steglitz | 12203 Berlin | V + Sp |
| St. Marien Hospital | 44534 Lünen | V + WW + Sp |
| Städt. Kranken- anstalten | 56073 Koblenz - Kemperhof | V + Sp |
| Vorarlberger Krankenhaus | A 6800 Feldkirch | N + Sp |
| Universitätsklinikum | 45147 Essen | V + WW + Sp |
| RVK - Rudolf-Virchow- Krankenhaus | 12309 Berlin | V + Sp |
| Central Hospital Tripoli | Tripoli/ Libyen | V + L + Sp |
| Städt. Krankenhaus | 21339 Lüneburg | V + Sp |
| Universitätsklinikum | 78464 Konstanz | L |
| Städt. Krankenanstalten | 73730 Esslingen | V + Sp |

-3- Auszug aus der Referenzliste "Abklinganlage" Okt. 93

| | | |
|--|--------------------|-------------|
| Evang. Johannes - Krankenhaus | 33611 Bielefeld | V + Sp |
| Dreifaltigkeits- Hospital | 59555 Lippstadt | V + Sp |
| Klinikum rechts der Isar (Neubau) | 81675 München | V + Sp |
| Kreiskrankenhaus Lemgo | 32657 Lemgo | V + Sp |
| Bethesda - Kranken- haus Duisburg | 47053 Duisburg | V + Sp |
| St. Vincentius - Krankenhaus | 76137 Karlsruhe | V + Sp |
| Institut für Nuklearmedizin | A 6300 Wörgl | N + Sp |
| Krankenhaus Schwarzach | A 5620 Schwarzach | N + Sp |
| Universitätsklinikum im Landeskrankenhaus Homburg/Saar | 66424 Homburg/Saar | WC + Sp + U |
| Klinikum Minden | 32390 Minden | V + Sp |
| Universitätsklinik Mainz | 55131 Mainz | V + Sp |
| PFT München | 81675 München | L |
| Klinikum Ludwigshafen | 67071 Ludwigshafen | U |
| Nuklearmedizinische Klinik MAD | 10069 Dresden | V + Sp |
| Landeskrankenhaus Feldkirch | A 6800 Feldkirch | WC + Sp + U |

-4- Auszug aus der Referenzliste "Abklinganlage" Okt. 93

| | | |
|------------------------------|-----------------|-----------------|
| Herz-Jesu-Krankenhaus | 76857 Dernbach | V + WC + Sp + U |
| Uniklinik Rostock | 18057 Rostock | V + WC + Sp |
| städt. Kliniken Offenbach | 63069 Offenbach | V + WX + Sp + V |
| städt. Kliniken Dortmund | 44123 Dortmund | V + WC + Sp |

- D = Druckanlage
- V = Vakuumanlage
- N = Normalanlage
- L = Labor - Überwachungsanlage
- WC + SP = VakuumWC und Wassersparmaßnahmen
- WW = Waschwasser - Wiederverwendung
- U = Umbau