

IRPA9
1996 International Congress on
Radiation Protection
April 14-19,1996
Vienna, Austria

FORM FOR SUBMISSION OF ABSTRACTS
(Instructions for preparation on reverse)

FOR OFFICIAL USE ONLY

Abstract No.

Receipt

Author

Acceptance

Mini-Presentation

PAPER TITLE *RISK EVALUATION IN CONSEQUENCE OF ABNORMAL SITUATION WITH IODINE-131*

AUTHOR(S) NAME(S) *GABURO, J.; SORDI, G.M.A.A.; SANCHES, M.P.; SAHYUN, A.*

SUBMITTING AUTHOR

LAST NAME *GABURO*

FIRST NAME *JANETE C.G.*

TITLE *Researcher*

AFFILIATION *IPEN-CNEN/SP*

TEL *(5511)8169212*

STREET *Travessa R, nº400*

FAX *(5511)2123546*

CODE *05508-900*

CITY *São Paulo - SP*

COUNTRY *BRAZIL*

PRESENTING AUTHOR (IF DIFFERENT)

MAJOR SCIENTIFIC TOPIC NUMBER *2.3.... (see page 7)*

ABSTRACT (See instructions overleaf)

Two successive incidents with I-131 occurred in the Radioisotope Production Facility at IPEN-CNEN/SP, contaminating areas and workers. However, no evidence cause was found, being the case still under investigation. In this paper is analysed the probable causes of how it could have happened and the consequences, which were scanned by radiological protection measurements. Individuals internally contaminated were monitored by "in vitro" and "in vivo" bioassay. The results were used to estimate the thyroid's exposure risk reflecting the collective dose