

Distribution:

101.4/CFR/83/09/12/0

(Return to WM, 623-SS)

SEP 16 1983

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DGrimsley

JWolf

EShoemaker

WKerr

James B. Hovis, Esquire
Hovis, Cockrill, Weaver & Bjur
316 North Third Street
P.O. Box 487
Yakima, Washington 98907

Dear Mr. Hovis:

In response to your letter dated August 24, 1983, requesting certain NRC computer codes, we will be pleased to provide you with these codes and associated documentation as expeditiously as practical.

The delivery dates and anticipated costs of these codes are enclosed. Many hours of staff time must be employed in order to be responsive to your request. The cost estimate attached for each code is approximately \$50 and is strictly an out-of-pocket cost incurred by the NRC for the computer tape, transcribing, etc. and does not include any NRC staff hours. C. Russell and M. J. Wise of the NRC staff discussed this enclosure with Ms. Lehman on September 13, 1983, at which time she advised us that she considers these times, dates and costs to be acceptable. We are therefore proceeding with the actions necessary to provide the codes. Please provide us with a written confirmation acknowledging the costs and anticipated delivery dates for each code and advising us to proceed.

Our experience in transferring these codes from our contractors to the NRC computer facility at Brookhaven National Laboratories has proven to be a lengthy process, as Ms. Lehman is aware. We have found that what appeared to be minor differences between very similar computer systems, in fact can cause fatal errors when reading the tapes and compiling the codes. While correction of these errors is generally a straightforward process, it requires the skills of a computer programmer who is fluent not only in Fortran, the language in which these codes are written, but in the system language used to operate the computer receiving these codes.

The codes which we are transmitting are still under development and may not, ultimately, be used for licensing. They have not been validated or verified and in some cases contain known errors which we have not yet corrected. The NRC therefore, does not endorse these codes nor does it accept responsibility for errors or conclusions resulting from their use. We will advise you of all known errors at the time we transmit the documentation. Furthermore, we would very much appreciate your informing

OFC	:	:	:	:	:	:	:
NAME	:	:	:	:	:	:	:
DATE	:	:	:	:	:	:	:

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us of any additional errors or limitations which you discover in the codes as soon as possible. It is our intent that these codes be as technically sound as practical and we will be grateful for your help in this effort.

In addition, since there may be questions or other information needed regarding the codes, we would like to reiterate our invitation for you or your designated representatives to come to the NRC office to look through our files or to meet with us.

Sincerely,

Original Signed By:

Joseph O. Bunting, Jr., Chief
Licensing Process and
Integration Branch
Division of Waste Management
Office of Nuclear Material
Safety and Safeguards

cc: Linda Lehman
Harmon and Weiss
J. Meninick
M. Knapp
M. J. Wise

Enclosure: Response Grid
Yakima Indian Request

W. Kern osp
9/16 concurred
by Kern
w/CR

J. Wolfe - ELD
9/16 concurred by
telecon w/CR

E. Shoemaker - ELD
9/16 concurred by
telecon w/CR

D. Grimsley - DRP
9/16

OFC	: WMPI	: WMPI	: WMPI	: WMHL	: WMHL	:	:
NAME	: CRussell	: as DRMattson	: JBunting	: MJWise	: MKnapp	:	:
DATE	: 83/09/15	: 83/09/15	: 83/09/15	: 83/09/15	: 83/09/15	:	:

RESPONSE GRID
YAKIMA INDIAN REQUEST (8/24/83)

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REQUEST	VERSION	ORGANIZATION RESPONSIBLE	DOCUMENTATION		COST ESTIMATE (tape cost, cpu, documentation)	ESTIMATED DATE OF COMPLETION	ACTUAL DATE OF COMPLETION
SWIFT	NRC (SILLING) UPDATED VERSION	NRC	NUREG/CR-1968 NUREG/CR-2324		85.	10/21/83	
STLINE	STD.	NRC	INFORMAL		65.	10/21/83	(
SWIFT/DYM:	STD.	SNL	SAND 81-0726 NUREG/CR-2081		45.	10/7/83	
LHS	STD.	SNL	NUREG/CR-2350 SAND 79-1473		40.	10/7/83	
STEPWISE REGRESSION	STD.	SNL	NUREG/CR-2350 SAND 72-1472		40.	10/7/83	(
PATHWAYS	STD.	SNL	NUREG/CR-2394 NUREG/CR-1636		45.	10/7/83	
DOSE AND HEALTH EFFECTS	STD.	SNL	NUREG/CR-2422 NUREG/CR-2346		45.	10/7/83	
BWIP INPUT DECK	—	NRC	—		20.	10/21/83	