GUIDELINES FOR USING

THE COMPUTER DISK VERSION OF

THE INBASIN

"PROTECTED AREAS LIST"

May 18, 1988

To: Persons who have requested a computer disk version of the Northwest Power Planning Council's list of proposed protected areas.

As you requested, enclosed are computer disks that contain the Northwest Power Planning Council's list of proposed protected areas within the Columbia Basin. The disks contain virtually the same information[1] as the printed version of the proposed protected areas list, for inbasin areas only, that the Council is distributing separately. We also enclose a narrative description of the list, titled "Guidelines For Reading the Protected Areas List,'" May 19, 1988."

UNLESS YOU ARE FAMILIAR WITH THE USE OF COMPUTERS, WE RECOMMEND THAT YOU USE THE PRINTED VERSION OF THE LIST OF PROPOSED PROTECTED AREAS. The enclosed disks should be useful to those who are skilled in the use of computers. However, we have not attempted to prepare comprehensive instructions for those who are not familiar with computers. If you have difficulty using the disks, we recommend that you refer to the printed version of the list of proposed protected areas.

WHAT IS ON THESE DISKS:

The disks contain two types of files:

1. A disk or disks called PROTECT DATA, containing a list of the river reaches the Council has studied in connection with its protected areas rulemaking proposal, indicating which of these river reaches the the Council proposes to designate as "protected" in the Columbia River Basin Fish and Wildlife Program and the Northwest Conservation and Electric Power Plan. If you have requested information on more than one state we have sent you more than one disk containing this information.

2. A disk called HYDROSITE DATA, which is a compilation of information regarding Federal Energy Regulatory Commission (FERC) projects, as they would be affected by the proposed protected areas. This is the same information as is provided in Attachment 8 of the enclosed narrative description of the list. The HYDROSITE DATA disk contains two files, HYDROSITE.DBF (the DBASE version of the hydrosite data), and HYDROSITE.DAT (the ASCII version of the hydrosite data).[2]

1/ The exception is the EPA reach number, which is included on the computer disk, but was not included on the printed version of the list. Otherwise the format, information, sort order, etc. are exactly the same.

2/ In preparing this information, the Council relied on the best available information. However, this information may not be entirely accurate, and may be incomplete, out-of-date, or insufficiently detailed to locate a proposed project on a precise reach in the system the Council used in preparing the list of proposed protected areas. Accordingly, although the Council believes the data are generally useful as a guide to the protections proposed for FERC projects, they should not be relied on as a definitive statement of the proposed status of any particular FERC project. To determine the status of a particular FERC project definitively, users must locate the exact river

(Footnote 2 Continued on Next Page

HOW TO USE THESE DISKS:

To use these disks you must have an IBM compatible PC and some sort of database manager. Two floppy drives or one floppy and a harddisk are required to unarchive the files. Any commercial database manager that can load ASCII data will work; a DBASE III+ template is provided on the disk, ready to load. The first step to loading a database file is to choose the subbasin or subbasins that you are interested in. The subbasin files are archived by a numerical code by state. These codes and sizes of the files are provided in Table 2. After you have chosen the codes for your basins of interest you will have to unarchive the ASCII files to either a harddisk or a second floppy disk. If you are unarchiveing to a harddisk, make sure you are in the subdirectory where you want the ASCII file to reside (i.e. in your DBASE or other database manager working area working area). Then, insert the PROTECTED AREAS disk in DRIVE A of your computer and either from C: (a harddisk) or B: (a second floppy) enter the command :

A:UNLOAD [Insert the 2 digit number for subbasin of interest]

For example, if you wanted to unload the Blackfoot Subbasin from Montana you would enter:

A:UNLOAD 02

This command will unarchive a file call 02.DAT from the floppy drive A: to either drive C: or drive B:, whichever you started from. If you want to unload all of the files from the archive use the command DOALL, for example :

A:DOALL

Once you have the ASCII files unloaded, you will need to load these into your database of choice. A DBASE template is provided for those of you with DBASE III+. To use this template there are several commands you will need to know. First of all, copy the PROTECT.DBF file from Drive A: to the DBASE working area of your disk. Then enter DBASE. From the dot prompt in DBASE enter the command:

USE PROTECT

This will load the template. Then copy the structure of the template to a filename of your choice. For example, if you wanted to create a DBASE file called BLACKFOOT, you would enter the command:

COPY STRUCTURE TO BLACKFOOT

Then make this file the active file by entering the command:

USE BLACKFOOT

Then load BLACKFOOT from the ASCII file 02.DAT with the command:

(Footnote 2 Continued from Previous Page)
reach or river reaches on which the project is located, and then determine the status of the river reach or reaches in the list of proposed protected areas.

APPEND FROM 02.DAT TYPE SDF

This will tell the computer to complete the process. You will know have the Blackfoot Reach information accessible in DBASE. Repeat the process for the other files you need.

Table 1. Formats for Reach Data and Hydrosite Data.

REACH DATA

ATTRIBUTE	COLUMN	
STREAM NAME	1	30
STARTING FROM	31	60
GOING TO	61	90
TRIBUTARY TO	91	120
REACH_NUM	121	136
ID_NUM	137	141
COUNTY	142	161
STATE	162	163
PROT_CAT	164	164
FERCNO	165	172
DEPENDENCY	173	173
TOT_LEN	174	177
PROT_LEN	178	181

HYDROSITE DATA

ATTRIBUTE	COLUMN	
SITE_NAME	1	28
STREAM_NAME	29	56
STATE	57	58
FERCNO	59	66
REACH_NUM	67	82
STATUS	83	88
DEPENDENCY	89	89
CAP(KW)	90	95
ENERGY(AAMWH)	96	101
PROT_CAT	102	102
INBASIN	103	103
LOCATE TO RRN	104	104

Table 2. Numerical Codes for Subbasins, By State.

IDAHO

CODE	SUBBASIN NAME	SIZE
01	BOISE	47K
02	CLARK_FORK	113K
03	COEUR_D_ALENE	68K
05	HEADWATER_SALMON	35K
06	KOOTENAI	78K
07	LEMHI	16K
08	LITTLE_SALMON	10K
09	LOCHSA	18K
10	LOWER_MAIN_SALMON	22K
11	LOWER_MID_FK_SALMON	21K
13	MAINSTEM_CLEARWATER	24K
14	MID_MAIN_SALMON	26K
15	MID_SNAKE_BOISE	56K
16	MID_SNAKE_POWDER	61K
17	NO_FK_CLEARWATER	27K
18	OWYHEE	68K
19	PAHSIMEROI	9K
20	PALOUSE	20K
21	PANTHER_CR_SALMON	22K
22	PAYETTE	40K
23	PEND_OREILLE	42K
24	SELWAY	34K
25	SNAKE_HEADWATER	12K
26	SNK_R_FR_MOU_TO_HELL	38K
27	SO_FK_CLEARWATER	25K
28	SO_FK_SALMON	25K
29	SPOKANE	26K
31	UPPER_MID_FK_SALMON	30K
32	UPPER_SNAKE	170K
33	UPPER_SNAKE_CLOSED	41K
34	WEISER	15K

MONTANA

CODE	SUBBASIN NAME	SIZE
01	BITTERROOT	48K
02	BLACKFOOT	28K
03	CLARK_FORK	113K
04	FLATHEAD	173K
05	KOOTENAI	78K

OREGON

01	COL_R_BELOW_BON	102K
02	COL_R_FR_BON_TO_PRRP	41K
03	DESCHUTES	138K
04	FIFTEENMILE	9K
05	GRANDE_RONDE	105K
06	HOOD	20K
07	IMNAHA	18K
08	JOHN_DAY	234K
09	KLAMATH	56K
10	MALHEUR	56K
11	MID_SNAKE_BOISE	56K
12	MID_SNAKE_POWDER	61K
15	OWYHEE	69K
16	SANDY	35K
17	SNK_R_FR_MOU_TO_HELL	38K
19	UMATILLA	32K
20	UPPER_QUINN	4K
21	WALLA_WALLA	22K
22	WILLAMETTE	478K

WASHINGTON

01	COEUR_D_ALENE	68K
02	COL_R_BELOW_BON	101K
03	COL_R_FR_BON_TO_PRRP	42K
04	COL_R_FR_PRS_TO_CHJO	20K
05	COWLITZ	46K
06	CRAB	18K
07	ELOCHOMAN	2K
08	ENTIAT	5K
09	GRANDE_RONDE	105K
10	GRAYS	5K
11	KALAMA	4K
12	KLICKITAT	13K
13	LAKE_CHELAN	15K
14	LEWIS	20K
15	METHOW	16K

WASHINGTON

16	OKANOGAN_SIMILKAMEEN	18K
17	PALOUSE	20K
18	PEND_OREILLE	42K
20	SNK_R_FR_MOU_TO_HELL	38K
21	SPOKANE	26K
22	TUCANNON	6K
23	UPPER_COLUMBIA	71K
24	WALLA_WALLA	22K
26	WASHOUGAL	7K
27	WENATCHEE	17K
28	WHITE_SALMON	5K
29	WIND	8K
30	YAKIMA	43K