

GLOSSARY

Absorption - The taking up or assimilation of one substance into another.

Adsorption - The adhesion of a thin film of liquid or gas to the surface of a solid substance. The solid does not combine chemically with the adsorbed substance.

ALARA - as low as is reasonably achievable

ARMS - area radiation monitoring system

anion - an ionic compound with negative (-) ions

BWR - boiling water reactor

cation - an ionic compound with positive (+) ions

CCW - component cooling water

CRD - control rod drive

CRUD - Chalk River Unidentified Deposit

CVCS -chemical and volume control system

DAW - dry active waste

DF - decontamination factor

DZO - depleted zinc oxide

FPCC - fuel pool cooling and cleanup

FSAR - final safety analysis report

GPM - gallons per minute

GTCC - greater than class C

HEPA - high efficiency particulate air filter

HIC - high integrity container

HLW - high level waste

HWC - hydrogen water chemistry

GLOSSARY (Cont.)

IGSCC - intergranular stress corrosion cracking

ISFSI - independent spent fuel storage installation

JAF – James A. Fitzpatrick Nuclear Power Plant

LLRW - low level radioactive waste

LLRWPA - low level radioactive waste policy act

LLW - low level waste

LOCA - loss of coolant accident

LWR - light water reactor

mho - electrical unit of conductivity

NARM - naturally occurring and accelerator produced radioactive material

NORM - naturally occurring radioactive material

NZO- natural zinc oxide

ODCM - offsite dose calculation manual

ohm - electrical unit of resistance

PCP - process control program

pH = $-\log[H^+]$

ppb - parts per billion

ppm - part per million

PRMS - process radiation monitoring system

PWR - pressurized water reactor

RBCCW - reactor building closed cooling water

RCP - reactor coolant pump

RCS - reactor coolant system

GLOSSARY (Cont.)

RECHAR - recombination charcoal

RETS - radiological effluent technical specifications

RHR - residual heat removal

RMS - radiation monitoring system

RWCU - reactor water cleanup system

scfm – standard cubic feet per minute

SDP – Significance Determination Process

SJAE - steam jet air ejector

SLCS - standby liquid control system

SWS - service water system

tech specs - technical specifications

TOC - total organic carbon

VR - volume reduction